

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137980.D
 Acq On : 21 May 2024 16:09
 Operator : CG\JU
 Sample : P2525-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-AA

Quant Time: May 21 16:44:20 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)

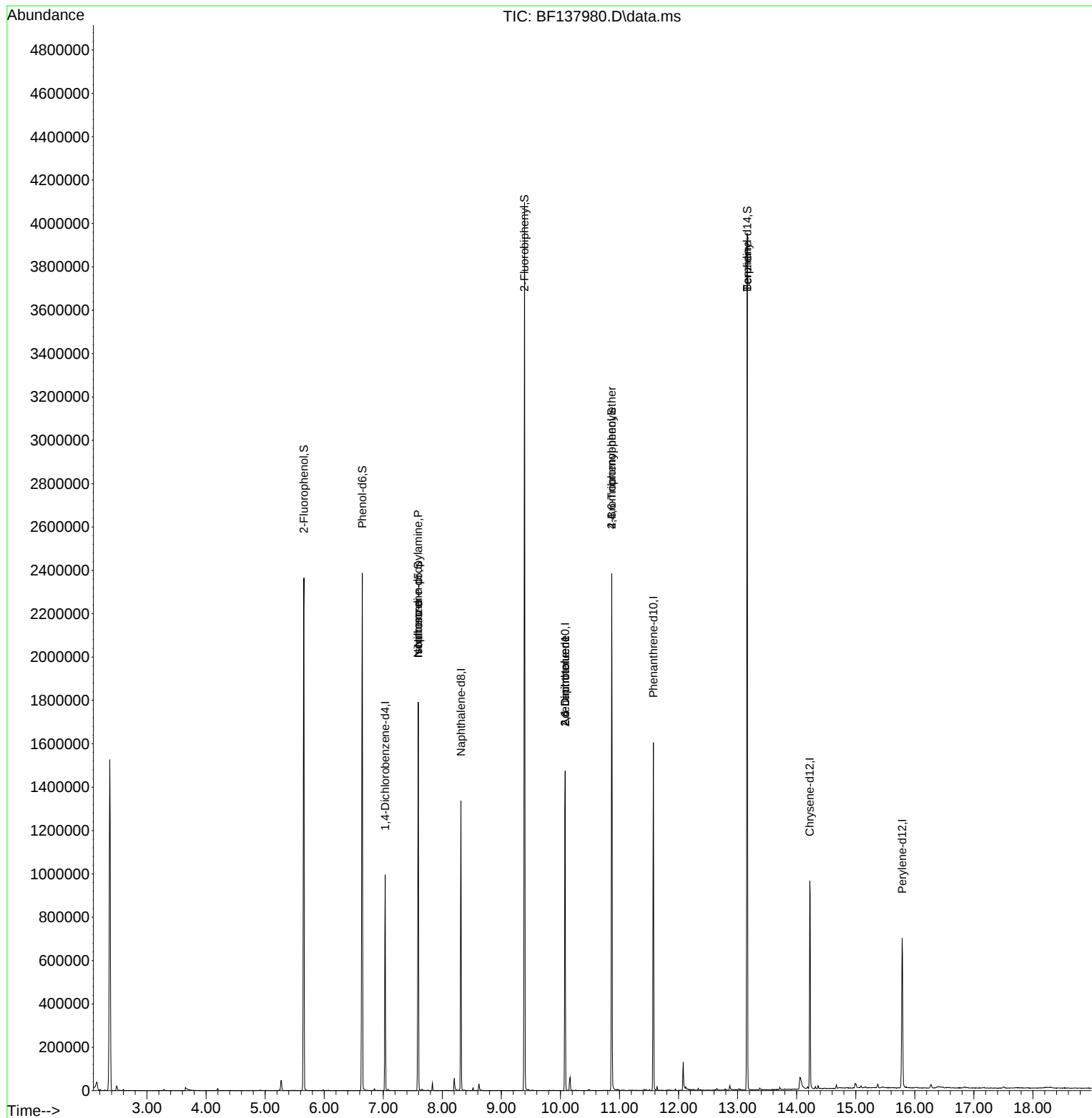
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	137700	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	540491	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	310911	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	546510	20.000	ng	0.00
76) Chrysene-d12	14.221	240	332363	20.000	ng	0.00
86) Perylene-d12	15.786	264	336151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	702149	86.616	ng	0.00
7) Phenol-d6	6.645	99	882809	88.406	ng	-0.01
23) Nitrobenzene-d5	7.592	82	528704	57.567	ng	-0.02
42) 2,4,6-Tribromophenol	10.869	330	289441	92.328	ng	-0.01
45) 2-Fluorobiphenyl	9.392	172	1185034	58.712	ng	0.00
79) Terphenyl-d14	13.163	244	1317545	58.424	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.592	70	68071	12.133	ng	# 77
25) Isophorone	7.592	82	528700	33.169	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	40060	8.953	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	40060	6.925	ng	# 33
67) 4-Bromophenyl-phenylether	10.869	248	18664	3.115	ng	# 1
77) Benzidine	13.163	184	16046	3.694	ng	# 89

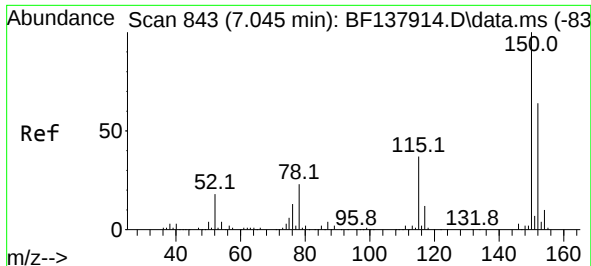
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
Data File : BF137980.D
Acq On : 21 May 2024 16:09
Operator : CG\JU
Sample : P2525-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-MH-AA

Quant Time: May 21 16:44:20 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

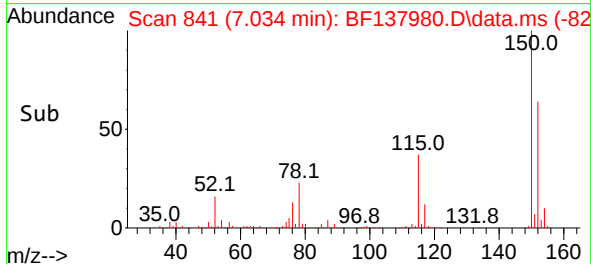
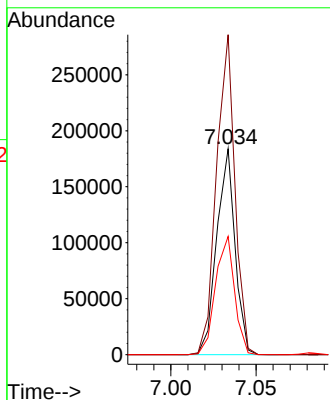
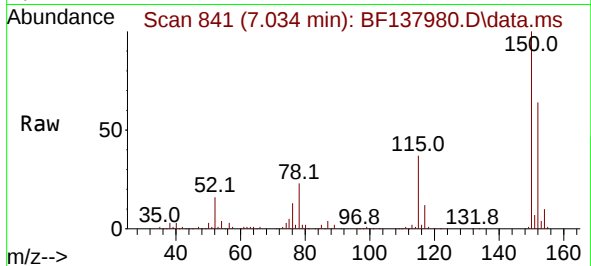




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137980.D
Acq: 21 May 2024 16:09

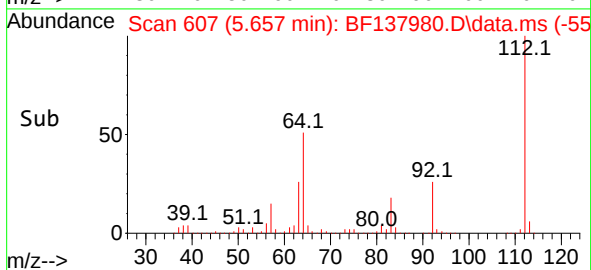
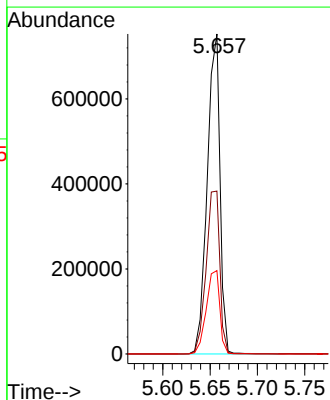
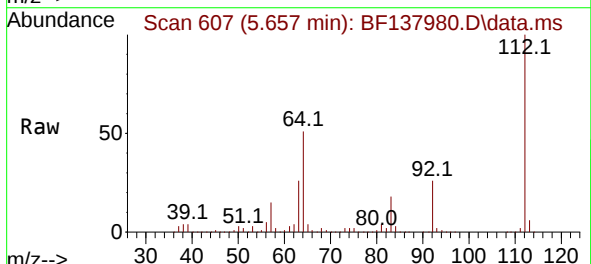
Instrument :
BNA_F
ClientSampleId :
WC-MH-AA

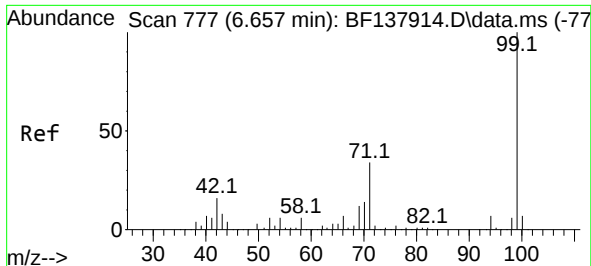
Tgt Ion:152 Resp: 137700
Ion Ratio Lower Upper
152 100
150 155.4 125.7 188.5
115 57.4 47.0 70.6



#5
2-Fluorophenol
Concen: 86.616 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF137980.D
Acq: 21 May 2024 16:09

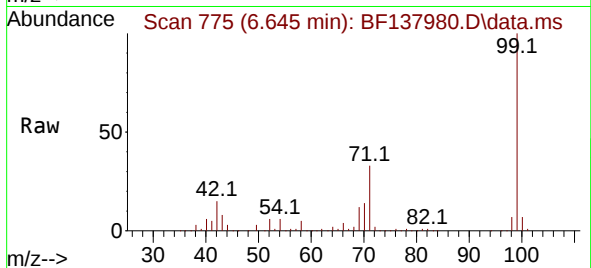
Tgt Ion:112 Resp: 702149
Ion Ratio Lower Upper
112 100
64 50.9 42.4 63.6
63 26.0 21.4 32.2



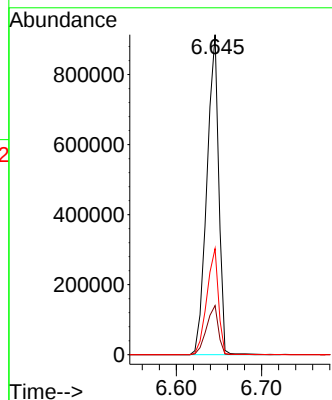
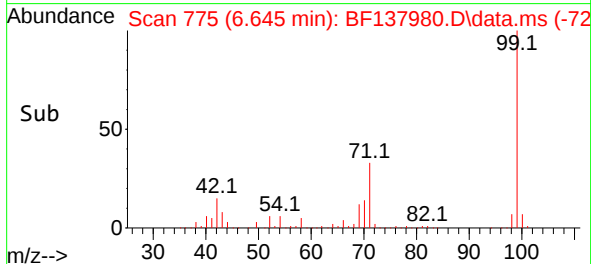


#7
Phenol-d6
Concen: 88.406 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137980.D
Acq: 21 May 2024 16:09

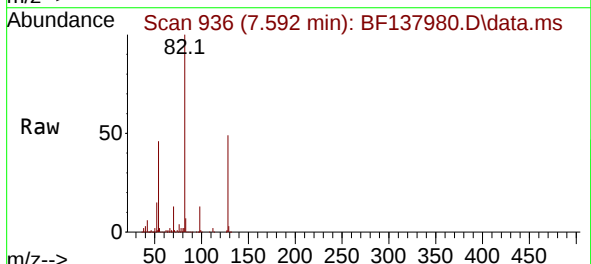
Instrument :
BNA_F
ClientSampleId :
WC-MH-AA



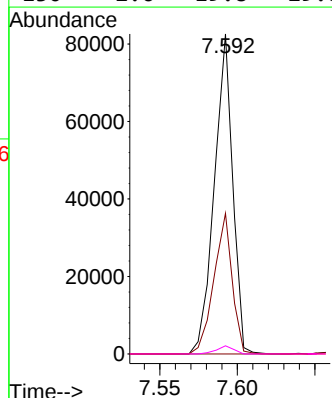
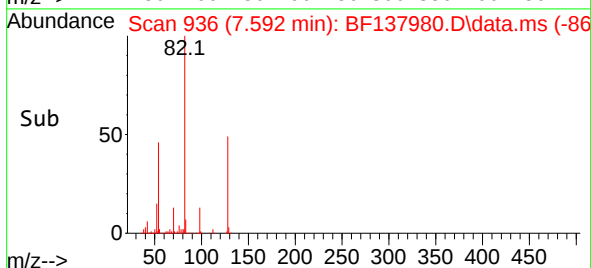
Tgt Ion: 99 Resp: 882809
Ion Ratio Lower Upper
99 100
42 15.4 12.6 18.8
71 33.1 27.1 40.7

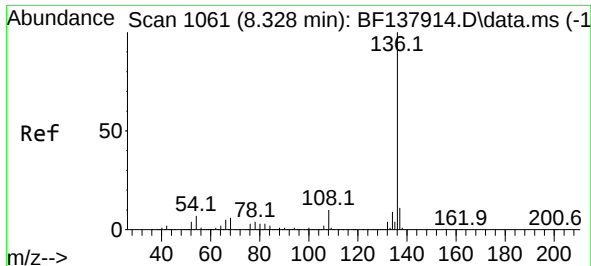


#19
n-Nitroso-di-n-propylamine
Concen: 12.133 ng
RT: 7.592 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF137980.D
Acq: 21 May 2024 16:09



Tgt Ion: 70 Resp: 68071
Ion Ratio Lower Upper
70 100
42 44.0 42.2 63.4
101 0.0 8.8 13.2#
130 2.6 19.8 29.8#

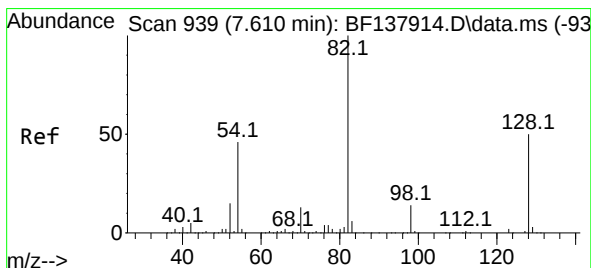
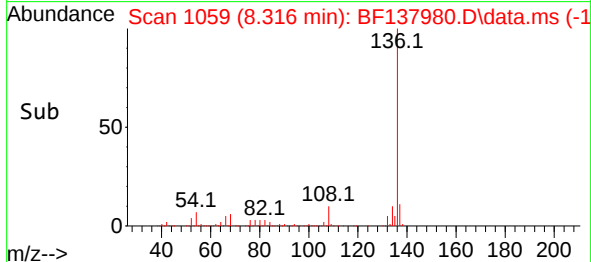
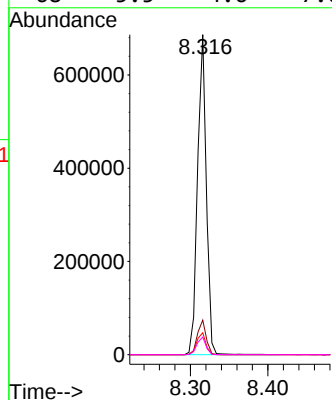
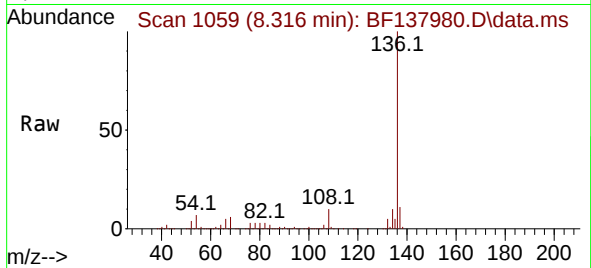




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137980.D
Acq: 21 May 2024 16:09

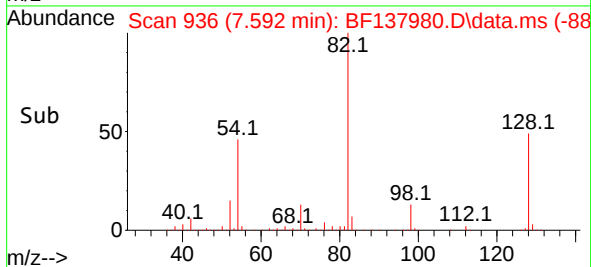
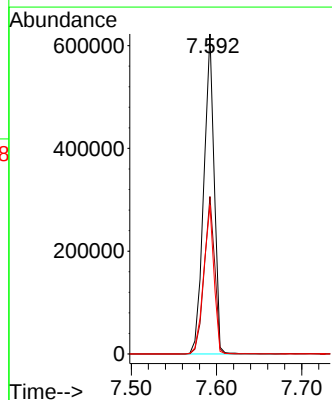
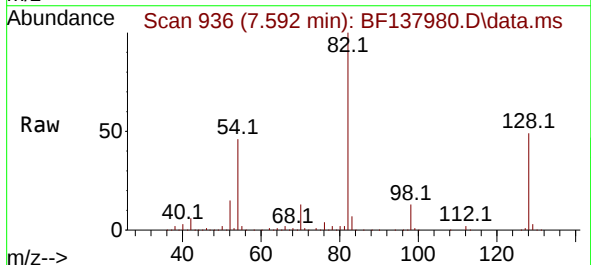
Instrument :
BNA_F
ClientSampleId :
WC-MH-AA

Tgt Ion:	136	Resp:	540491
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.9	5.4	8.2
68	5.5	4.6	7.0



#23
Nitrobenzene-d5
Concen: 57.567 ng
RT: 7.592 min Scan# 936
Delta R.T. -0.018 min
Lab File: BF137980.D
Acq: 21 May 2024 16:09

Tgt Ion:	82	Resp:	528704
Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.3	60.5
54	46.5	36.8	55.2

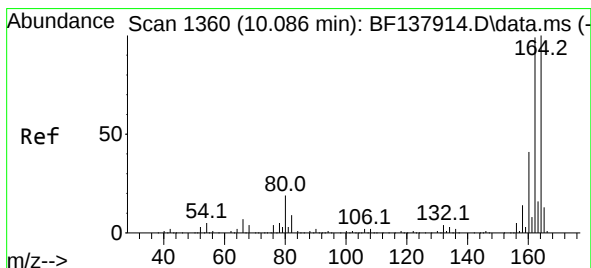
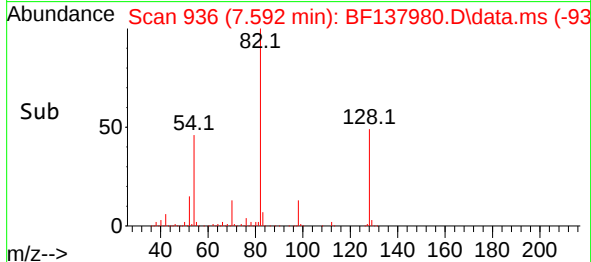
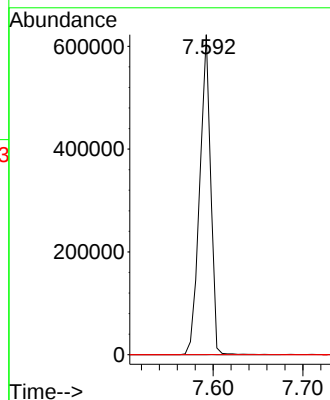
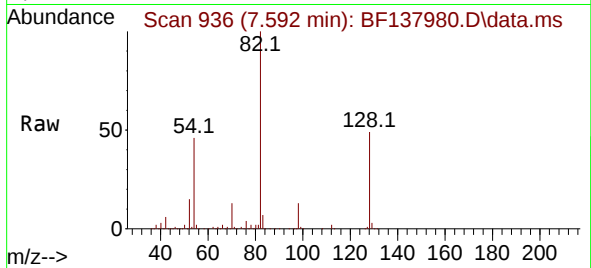




#25
Isophorone
Concen: 33.169 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137980.D
Acq: 21 May 2024 16:09

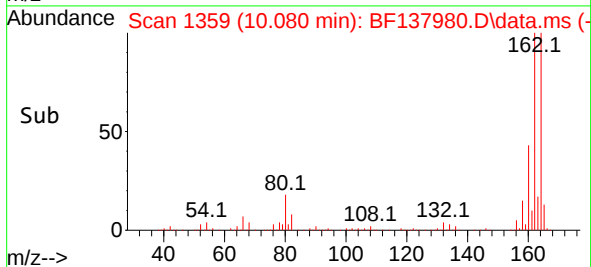
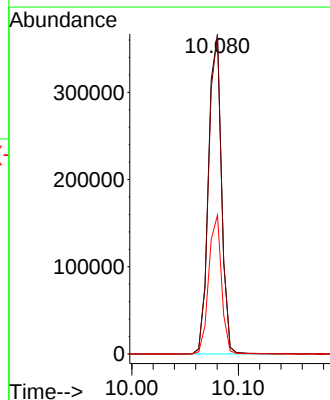
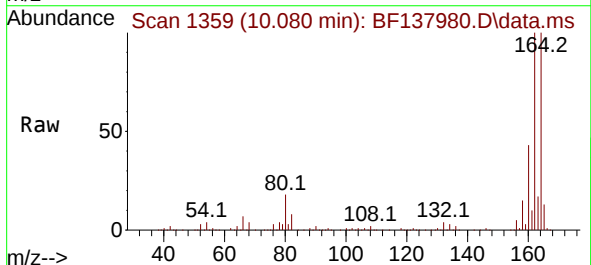
Instrument :
BNA_F
ClientSampleId :
WC-MH-AA

Tgt Ion: 82 Resp: 528700
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: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF137980.D
Acq: 21 May 2024 16:09

Tgt Ion:164 Resp: 310911
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.2
160 43.5 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 92.328 ng

RT: 10.869 min Scan# 1493

Delta R.T. -0.012 min

Lab File: BF137980.D

Acq: 21 May 2024 16:09

Instrument :

BNA_F

ClientSampleId :

WC-MH-AA

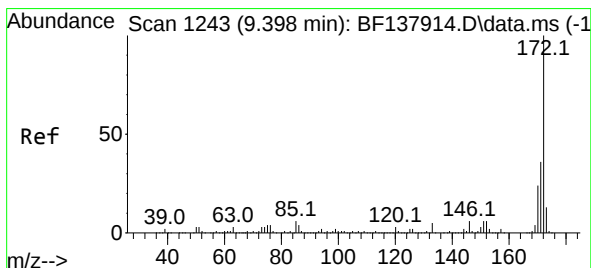
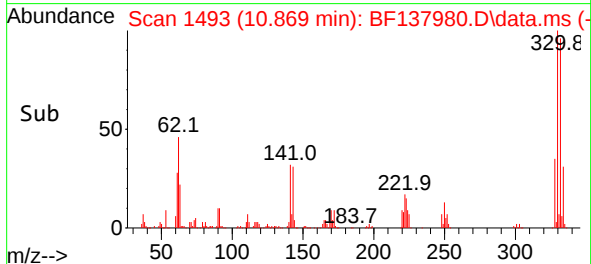
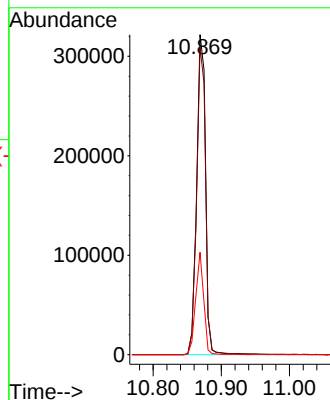
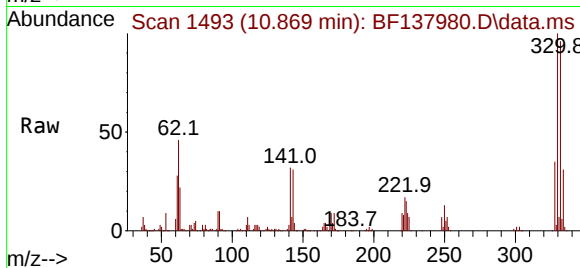
Tgt Ion:330 Resp: 289441

Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.8

141 29.0 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 58.712 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF137980.D

Acq: 21 May 2024 16:09

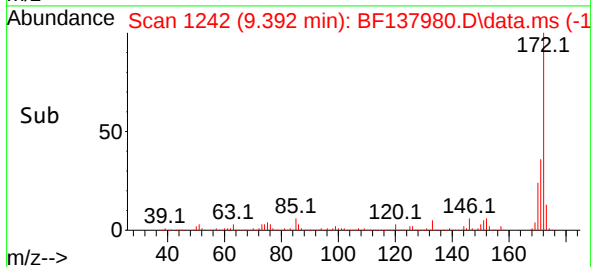
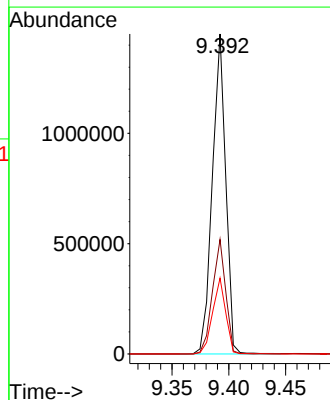
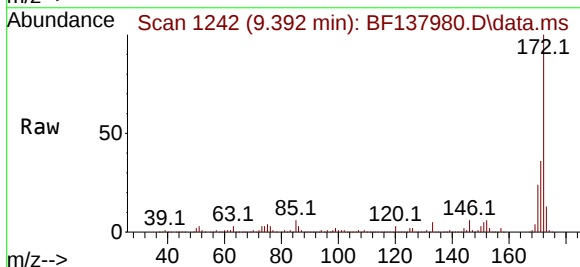
Tgt Ion:172 Resp: 1185034

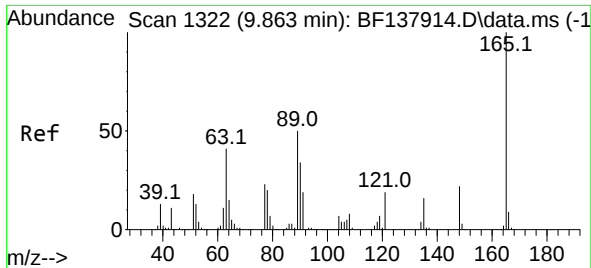
Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 23.7 18.9 28.3

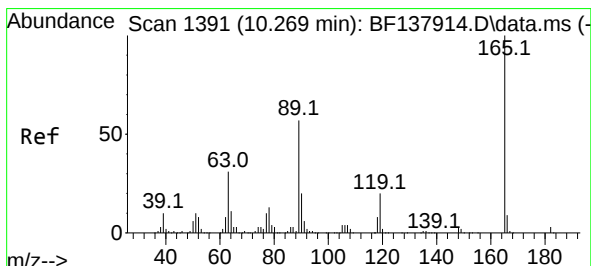
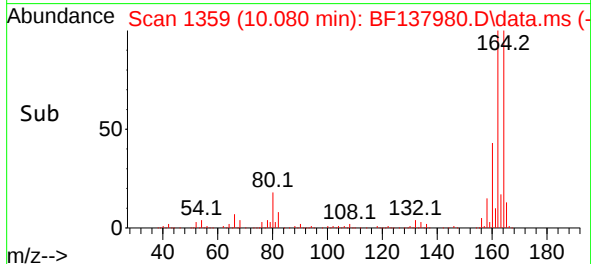
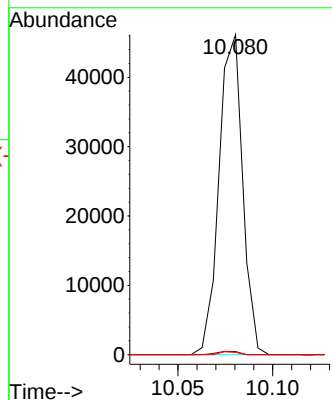
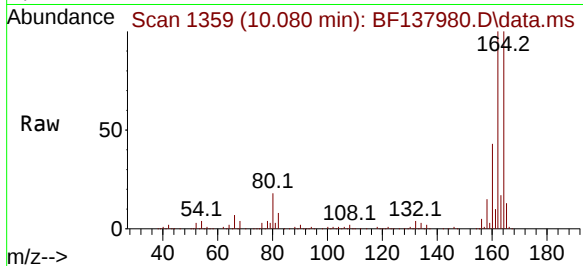




#51
2,6-Dinitrotoluene
Concen: 8.953 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137980.D
Acq: 21 May 2024 16:09

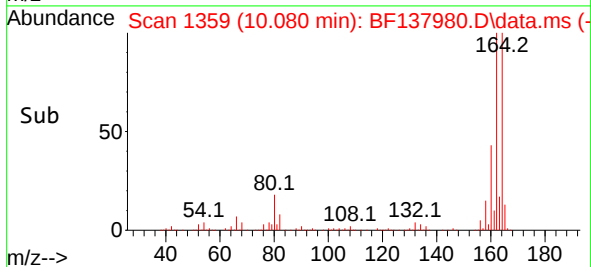
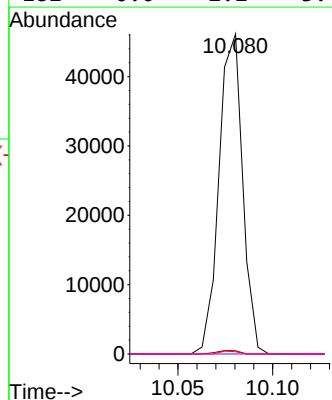
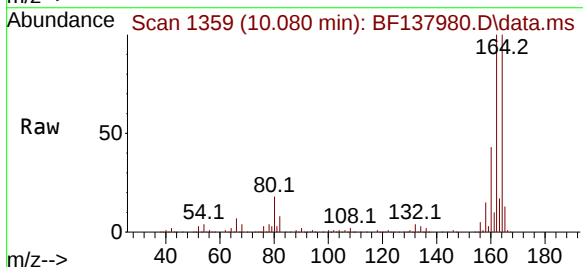
Instrument :
BNA_F
ClientSampleId :
WC-MH-AA

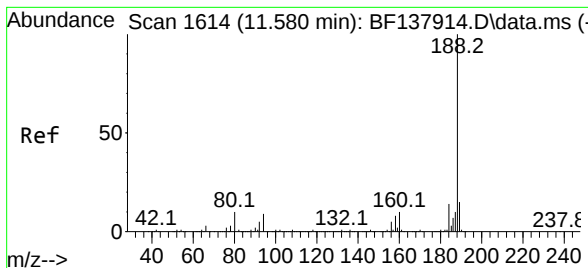
Tgt Ion:165 Resp: 40060
Ion Ratio Lower Upper
165 100
63 1.0 38.9 58.3#
89 0.7 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.925 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137980.D
Acq: 21 May 2024 16:09

Tgt Ion:165 Resp: 40060
Ion Ratio Lower Upper
165 100
63 1.0 25.3 37.9#
89 0.7 45.9 68.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137980.D

Acq: 21 May 2024 16:09

Instrument :

BNA_F

ClientSampleId :

WC-MH-AA

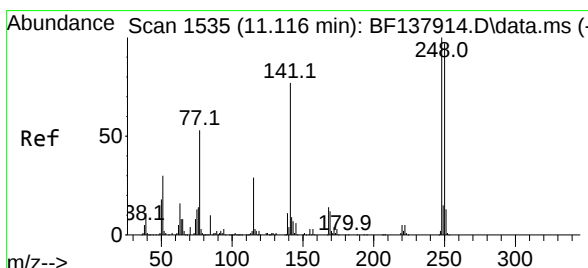
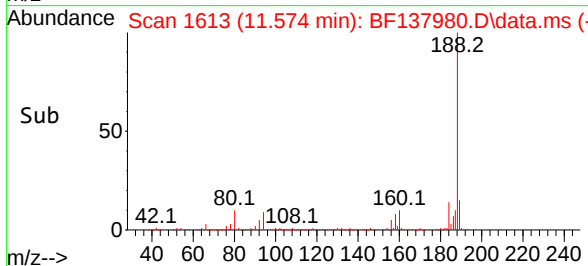
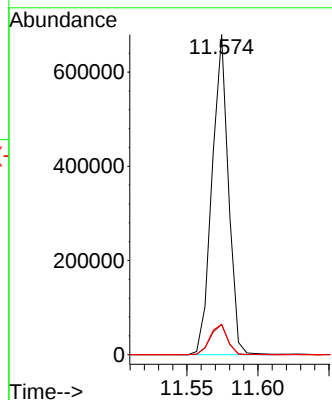
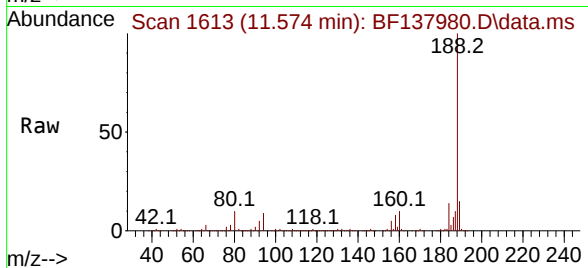
Tgt Ion:188 Resp: 546510

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 9.5 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 3.115 ng

RT: 10.869 min Scan# 1493

Delta R.T. -0.247 min

Lab File: BF137980.D

Acq: 21 May 2024 16:09

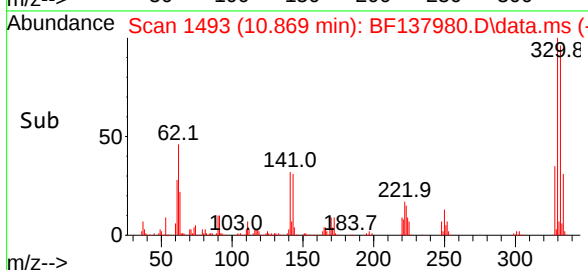
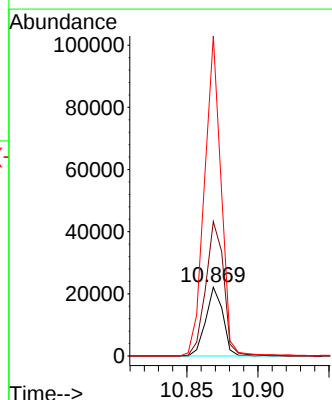
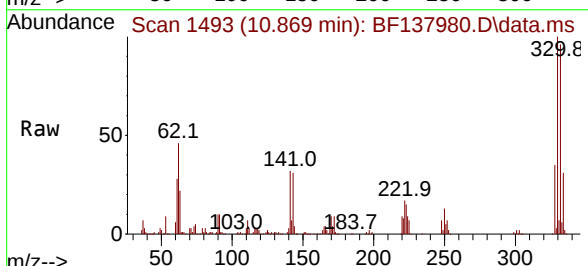
Tgt Ion:248 Resp: 18664

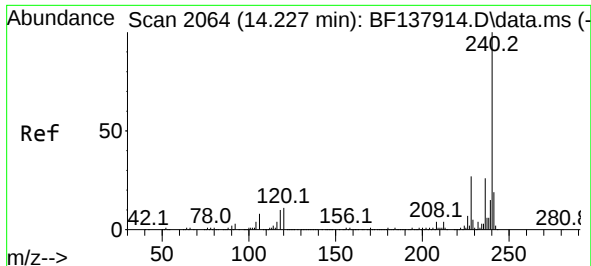
Ion Ratio Lower Upper

248 100

250 195.1 77.6 116.4#

141 464.5 61.4 92.2#

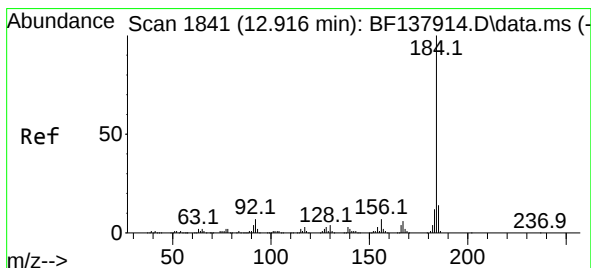
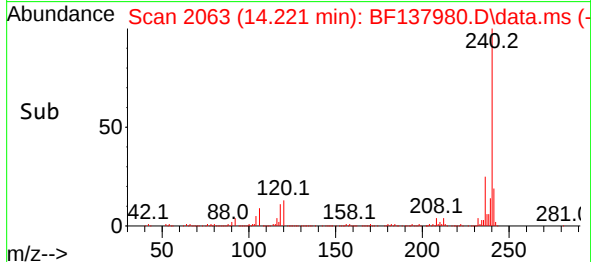
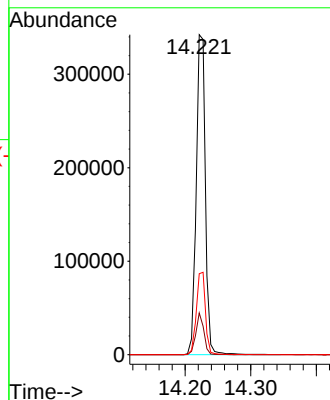
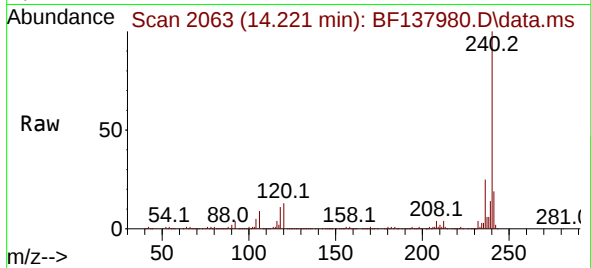




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137980.D
Acq: 21 May 2024 16:09

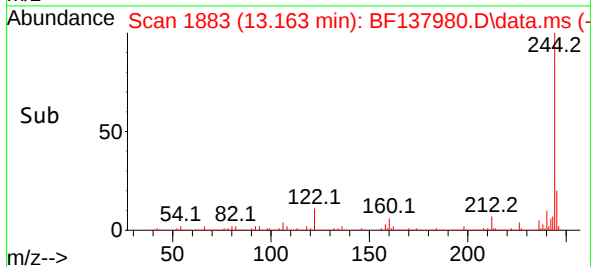
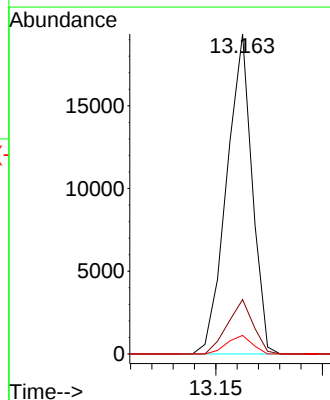
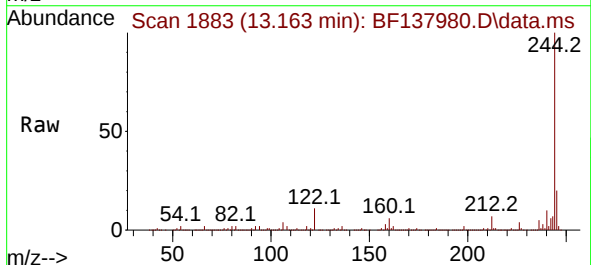
Instrument :
BNA_F
ClientSampleId :
WC-MH-AA

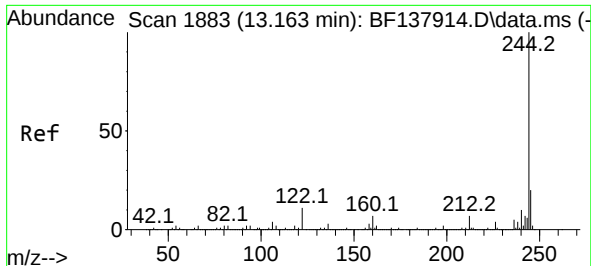
Tgt Ion:240 Resp: 332363
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 25.3 21.0 31.4



#77
Benzidine
Concen: 3.694 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF137980.D
Acq: 21 May 2024 16:09

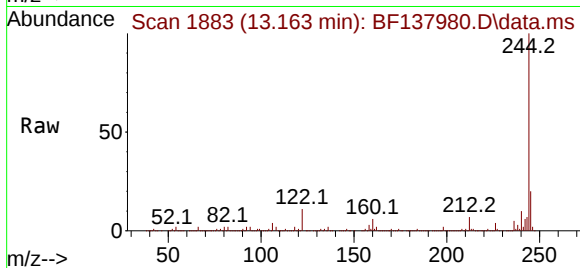
Tgt Ion:184 Resp: 16046
Ion Ratio Lower Upper
184 100
185 17.0 11.4 17.2
183 5.8 9.5 14.3#



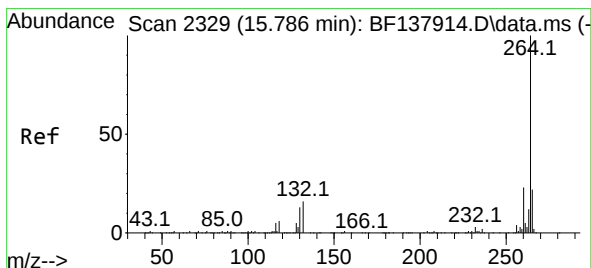
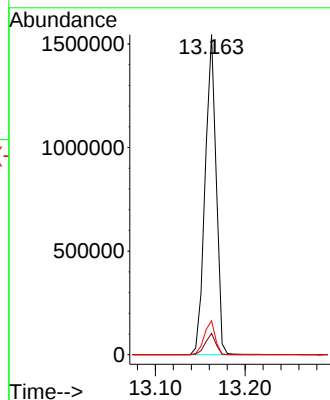
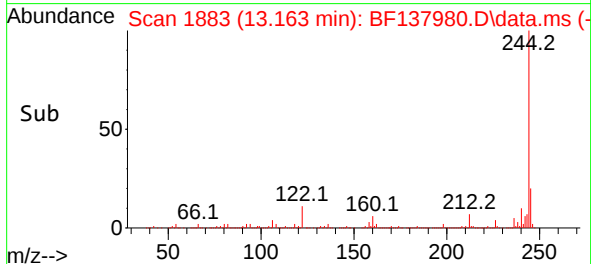


#79
 Terphenyl-d14
 Concen: 58.424 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: BF137980.D
 Acq: 21 May 2024 16:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-AA



Tgt Ion:244 Resp: 1317545
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. -0.000 min
 Lab File: BF137980.D
 Acq: 21 May 2024 16:09

Tgt Ion:264 Resp: 336151
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.3 27.5
 265 21.6 17.6 26.4

