

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF137998.D
 Acq On : 22 May 2024 11:14
 Operator : CG\JU
 Sample : PB161028BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161028BL

Quant Time: May 22 11:44:44 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)

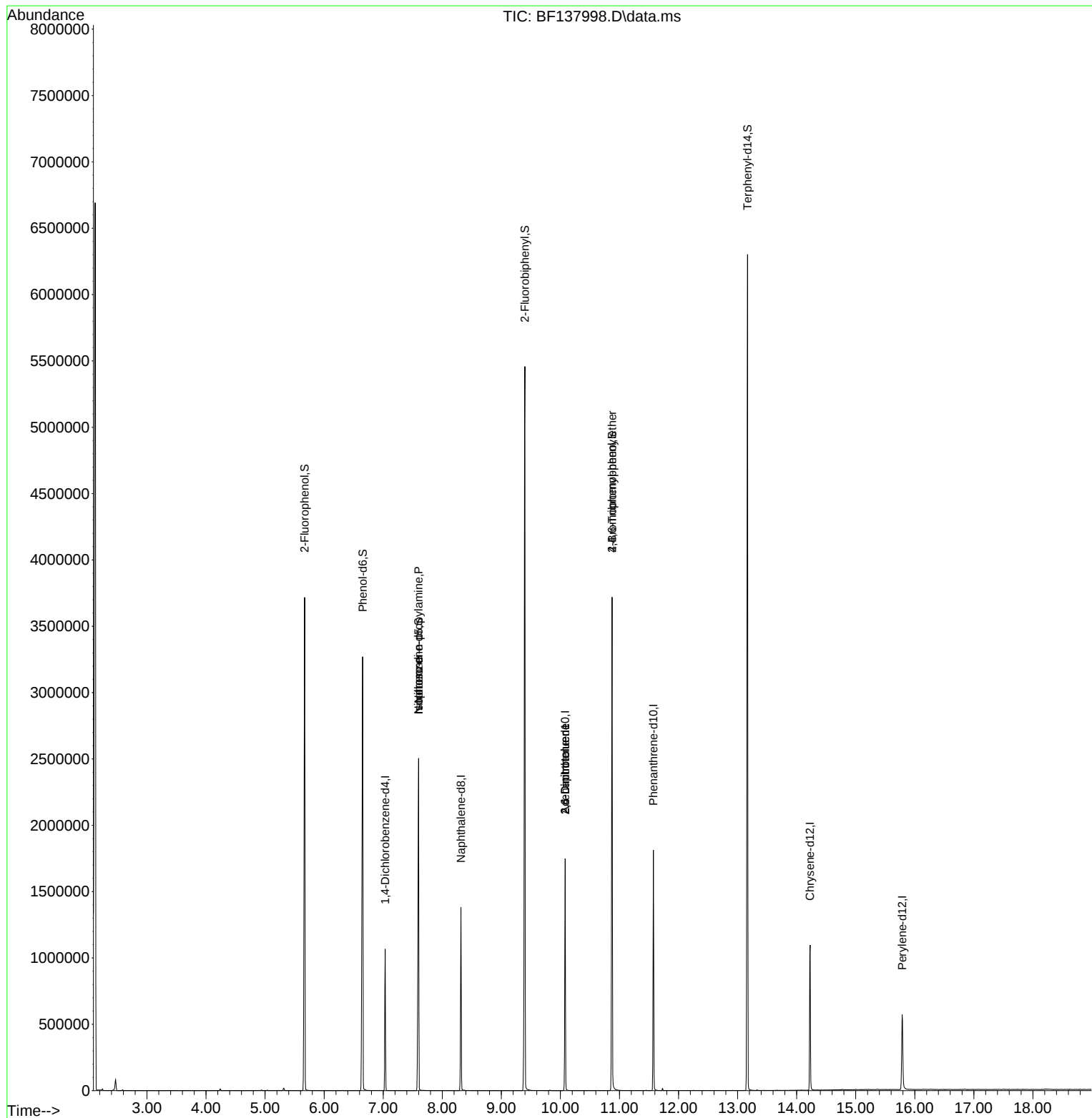
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	154496	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	597588	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	343603	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	615834	20.000	ng	0.00
76) Chrysene-d12	14.227	240	395714	20.000	ng	0.00
86) Perylene-d12	15.786	264	308093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1171914	128.849	ng	0.00
7) Phenol-d6	6.651	99	1435446	128.120	ng	0.00
23) Nitrobenzene-d5	7.598	82	876876	86.355	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	496339	143.262	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1896443	85.018	ng	0.00
79) Terphenyl-d14	13.169	244	2320287	86.417	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.598	70	115086	18.283	ng	# 74
25) Isophorone	7.598	82	876869	49.756	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	44875	9.074	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	44875	7.019	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	31320	4.639	ng	# 1

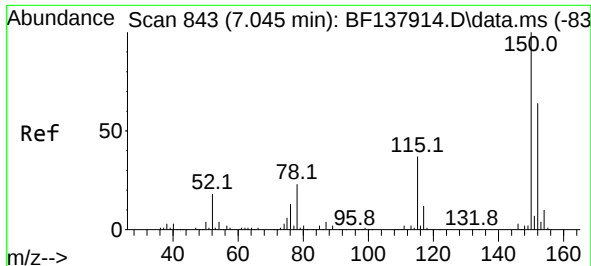
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
Data File : BF137998.D
Acq On : 22 May 2024 11:14
Operator : CG\JU
Sample : PB161028BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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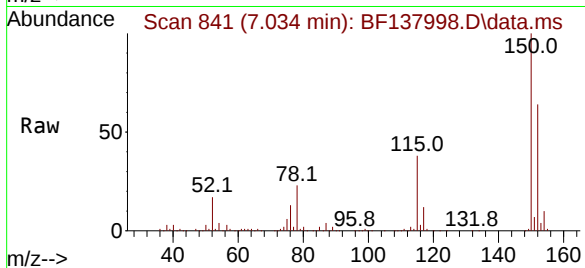
Quant Time: May 22 11:44:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration



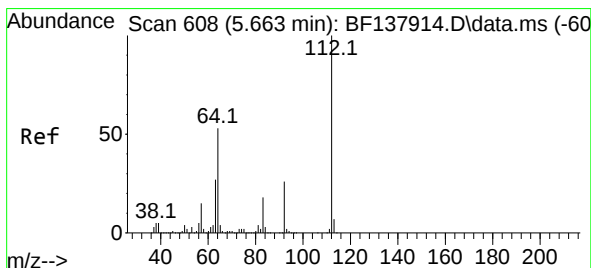
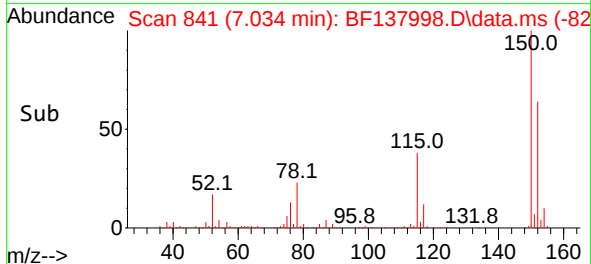
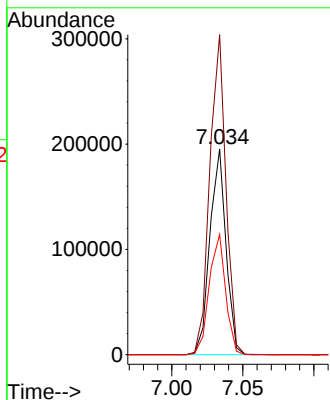


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

Instrument :
BNA_F
ClientSampleId :
PB161028BL

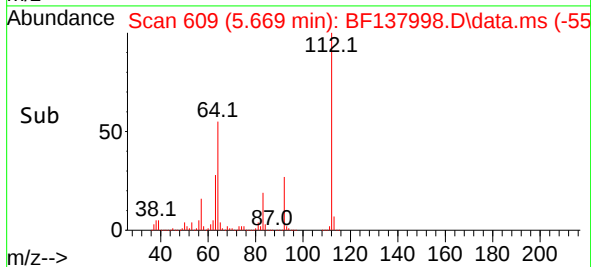
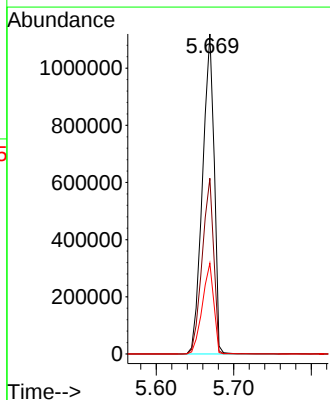
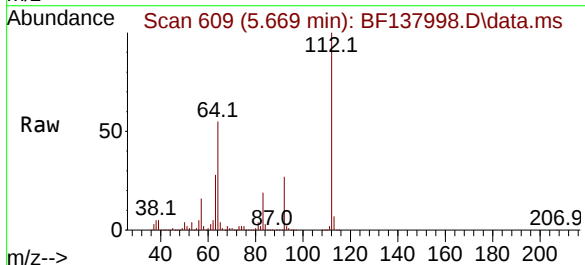


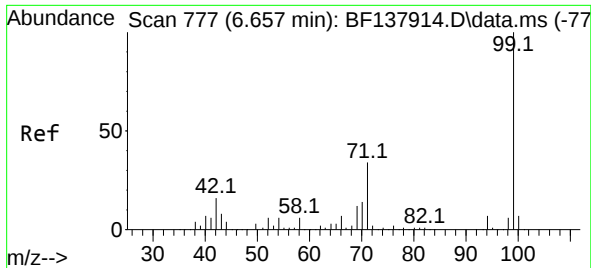
Tgt Ion:152 Resp: 154496
Ion Ratio Lower Upper
152 100
150 155.5 125.7 188.5
115 58.5 47.0 70.6



#5
2-Fluorophenol
Concen: 128.849 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

Tgt Ion:112 Resp: 1171914
Ion Ratio Lower Upper
112 100
64 54.9 42.4 63.6
63 28.3 21.4 32.2

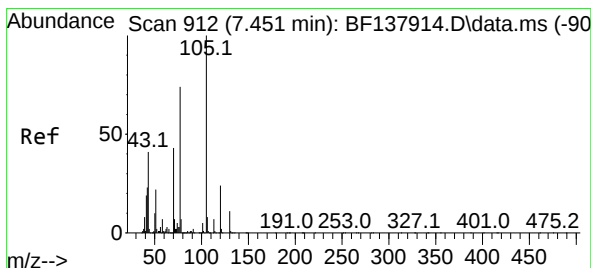
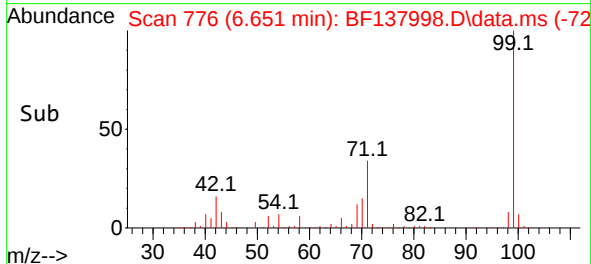
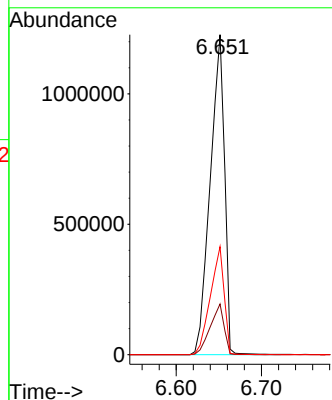
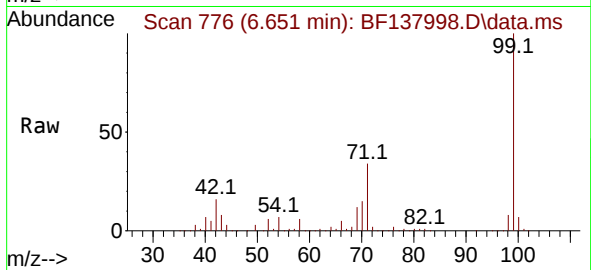




#7
Phenol-d6
Concen: 128.120 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

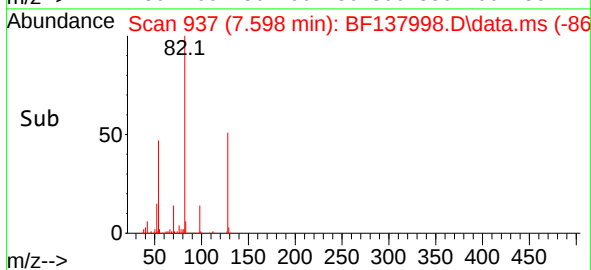
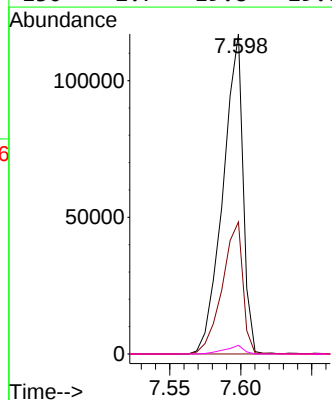
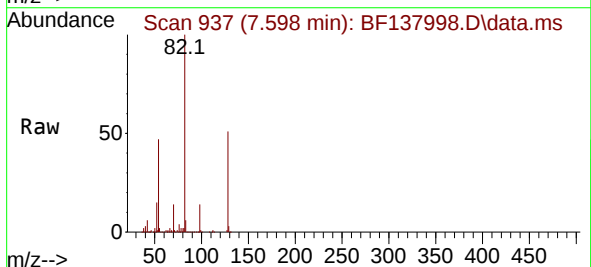
Instrument :
BNA_F
ClientSampleId :
PB161028BL

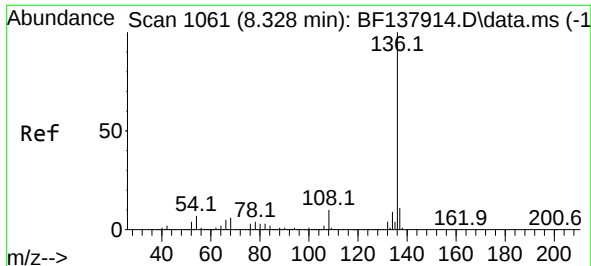
Tgt Ion: 99 Resp: 1435446
Ion Ratio Lower Upper
99 100
42 15.8 12.6 18.8
71 33.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.283 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

Tgt Ion: 70 Resp: 115086
Ion Ratio Lower Upper
70 100
42 41.2 42.2 63.4#
101 0.0 8.8 13.2#
130 2.7 19.8 29.8#

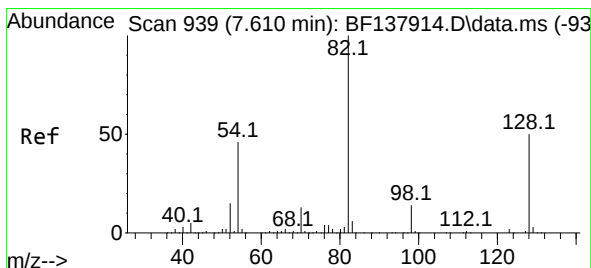
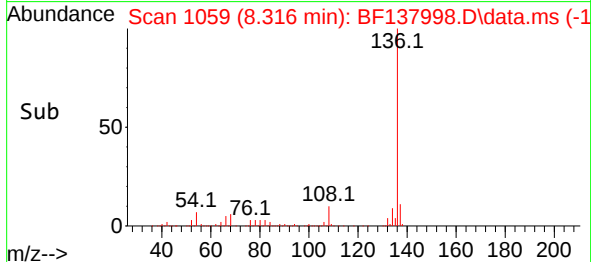
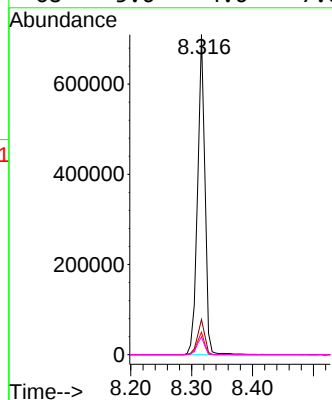
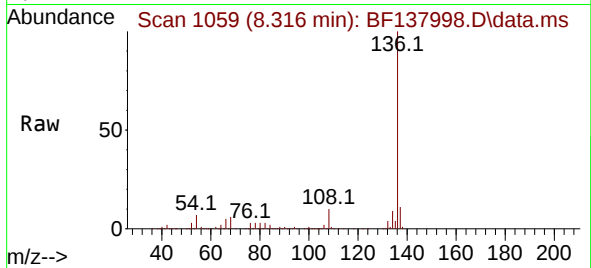




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

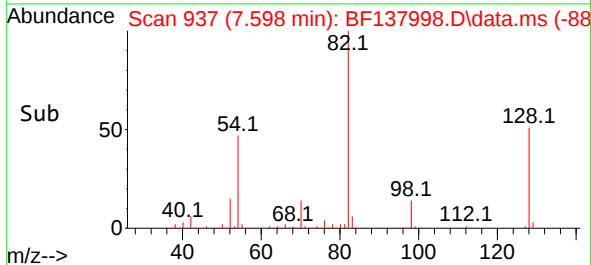
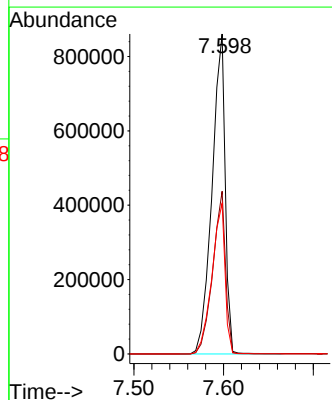
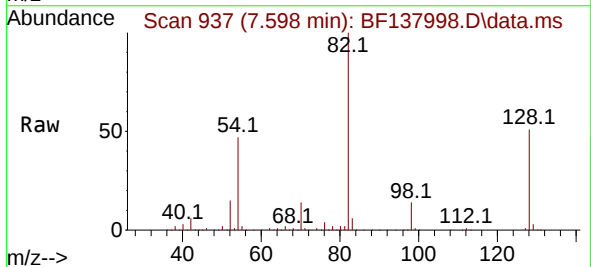
Instrument :
BNA_F
ClientSampleId :
PB161028BL

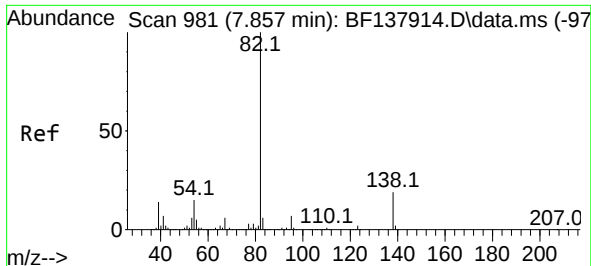
Tgt Ion:136 Resp: 597588
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.1 5.4 8.2
68 5.6 4.6 7.0



#23
Nitrobenzene-d5
Concen: 86.355 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

Tgt Ion: 82 Resp: 876876
Ion Ratio Lower Upper
82 100
128 50.9 40.3 60.5
54 47.1 36.8 55.2

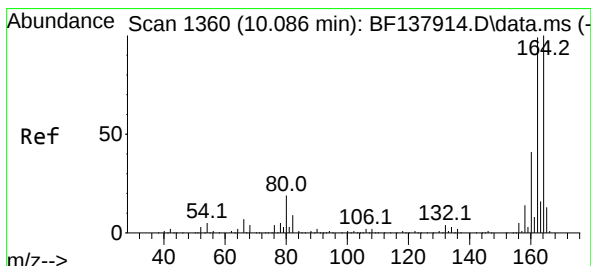
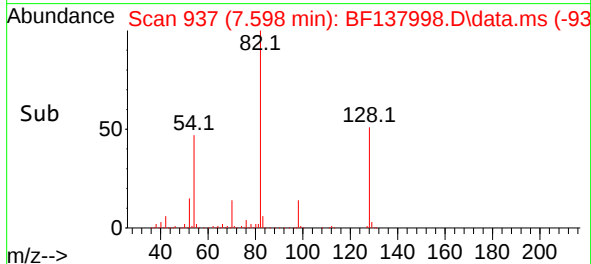
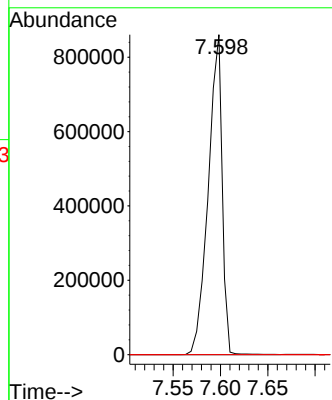
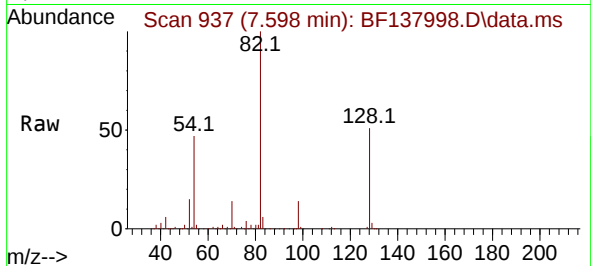




#25
Isophorone
Concen: 49.756 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

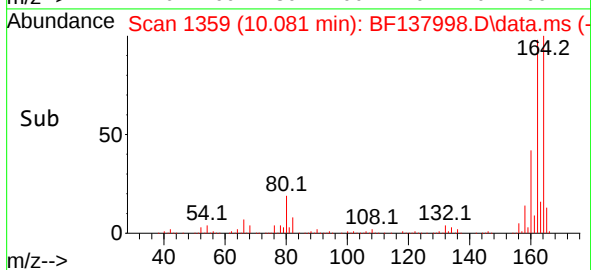
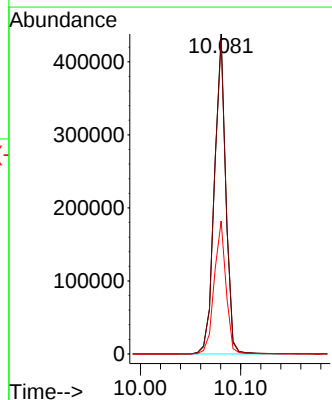
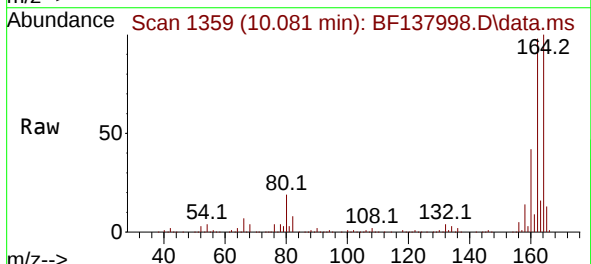
Instrument :
BNA_F
ClientSampleId :
PB161028BL

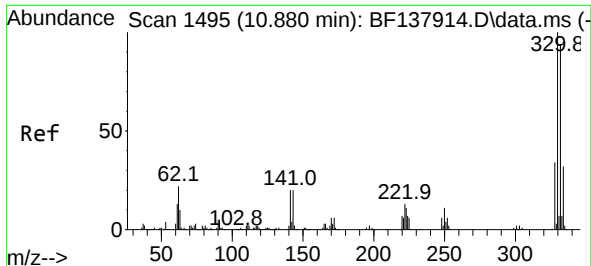
Tgt Ion: 82 Resp: 876869
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

Tgt Ion:164 Resp: 343603
Ion Ratio Lower Upper
164 100
162 98.0 79.4 119.2
160 41.6 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 143.262 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137998.D

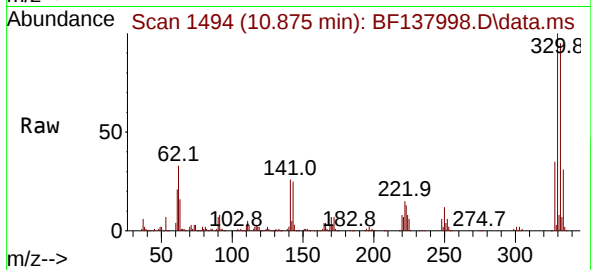
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Instrument :

BNA_F

ClientSampleId :

PB161028BL



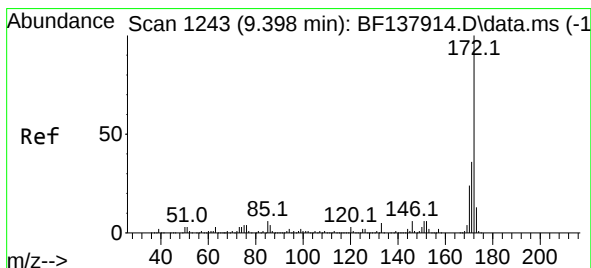
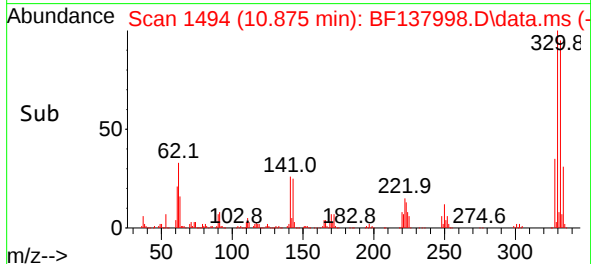
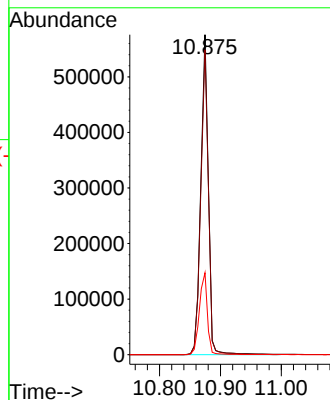
Tgt Ion:330 Resp: 496339

Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.8

141 27.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 85.018 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137998.D

Acq: 22 May 2024 11:14

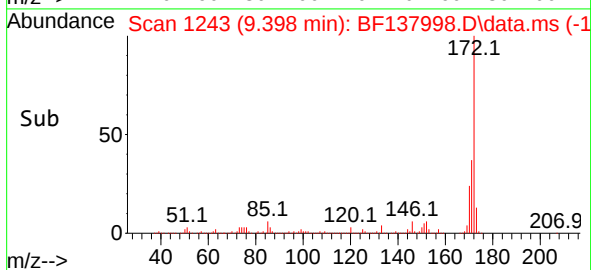
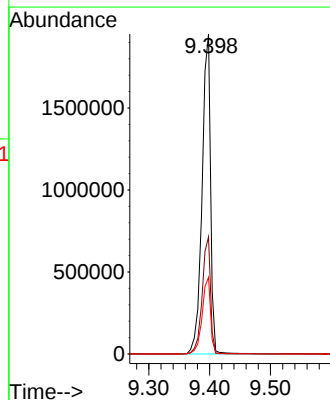
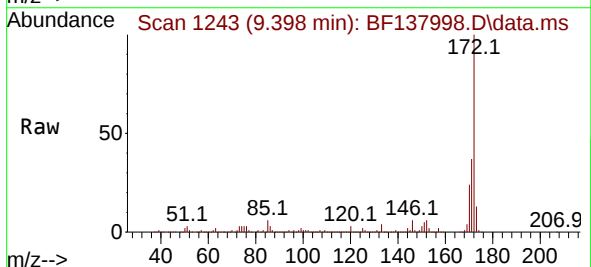
Tgt Ion:172 Resp: 1896443

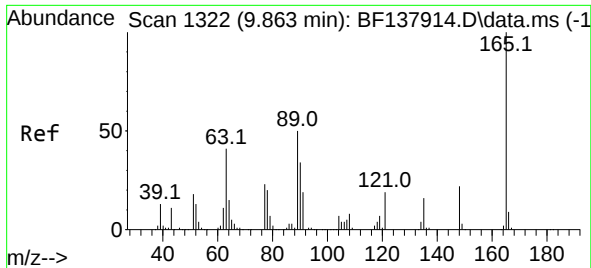
Ion Ratio Lower Upper

172 100

171 36.6 28.9 43.3

170 23.9 18.9 28.3

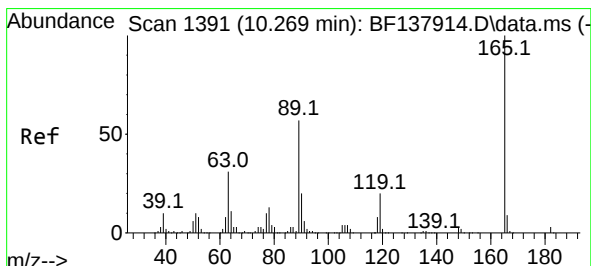
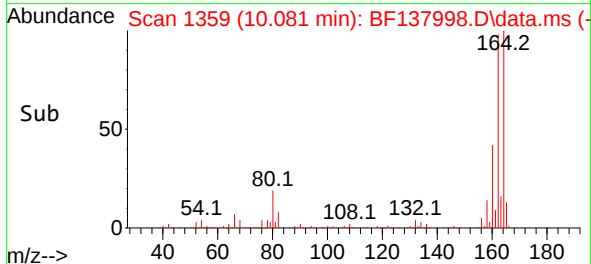
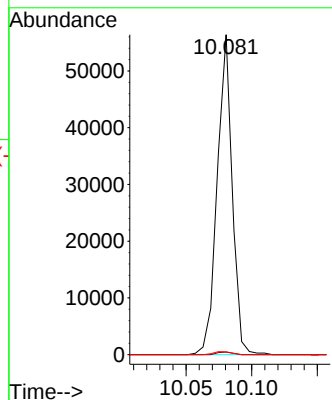
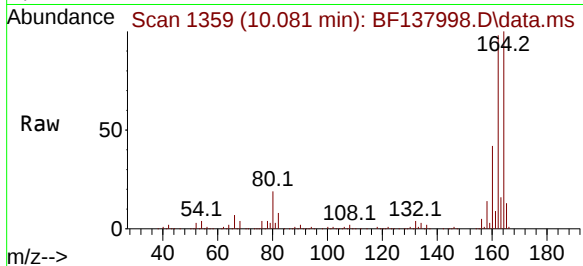




#51
2,6-Dinitrotoluene
Concen: 9.074 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

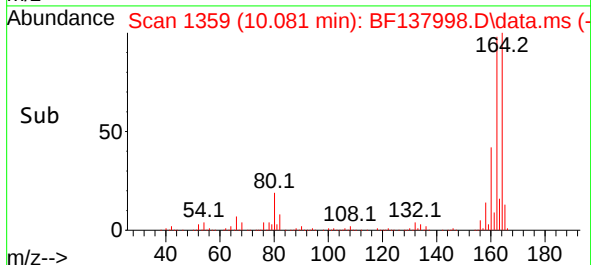
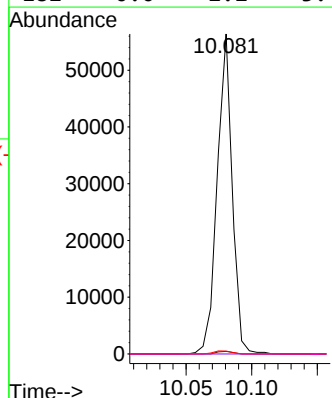
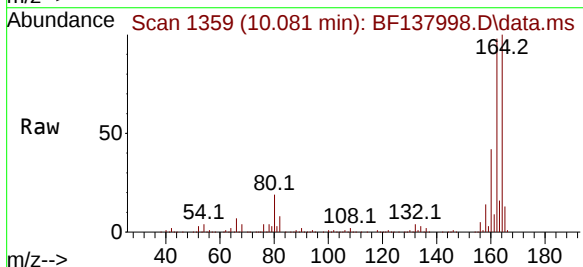
Instrument :
BNA_F
ClientSampleId :
PB161028BL

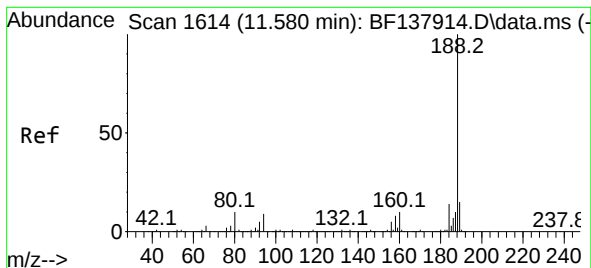
Tgt Ion:165 Resp: 44875
Ion Ratio Lower Upper
165 100
63 0.8 38.9 58.3#
89 0.9 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 7.019 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

Tgt Ion:165 Resp: 44875
Ion Ratio Lower Upper
165 100
63 0.8 25.3 37.9#
89 0.9 45.9 68.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137998.D

Acq: 22 May 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB161028BL

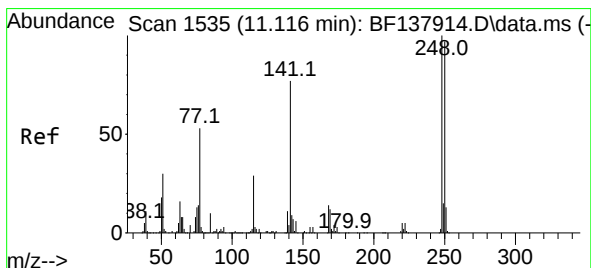
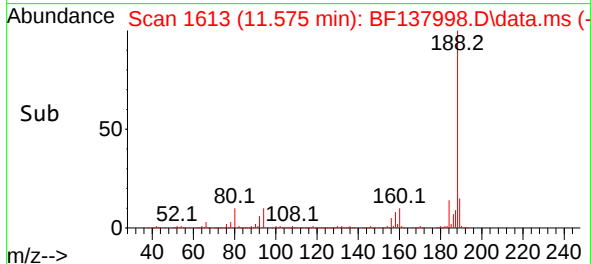
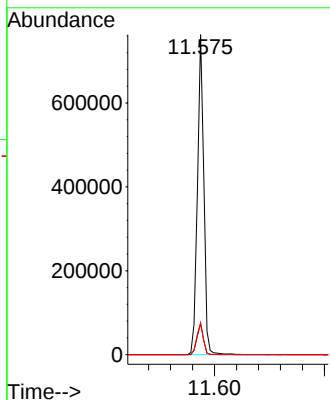
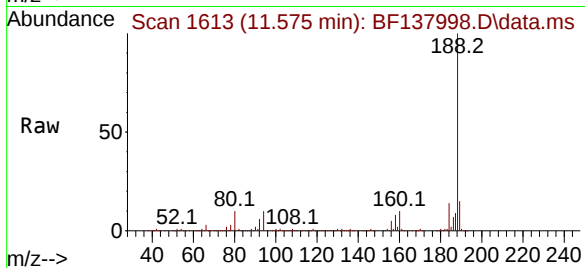
Tgt Ion:188 Resp: 615834

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 9.9 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.639 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137998.D

Acq: 22 May 2024 11:14

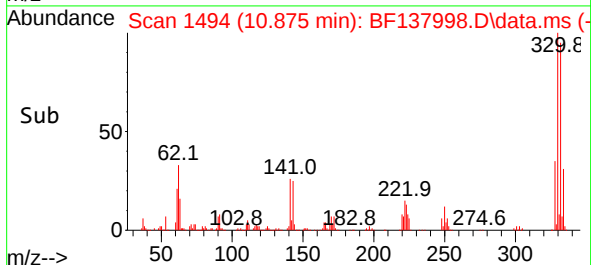
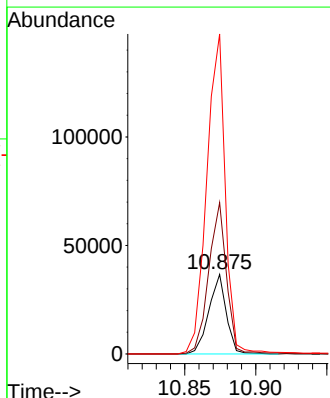
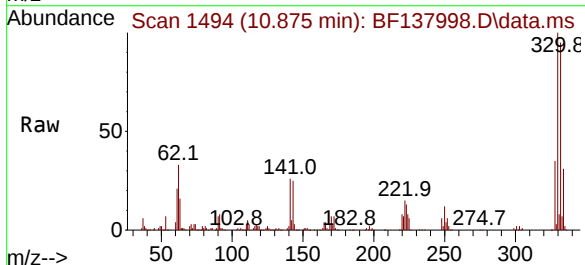
Tgt Ion:248 Resp: 31320

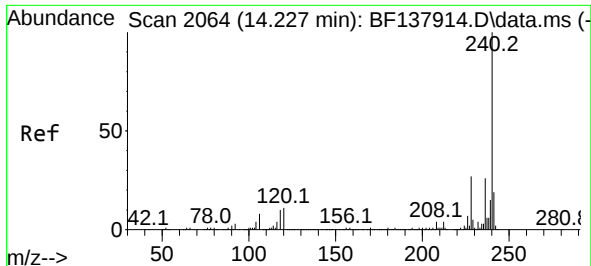
Ion Ratio Lower Upper

248 100

250 190.3 77.6 116.4#

141 402.4 61.4 92.2#

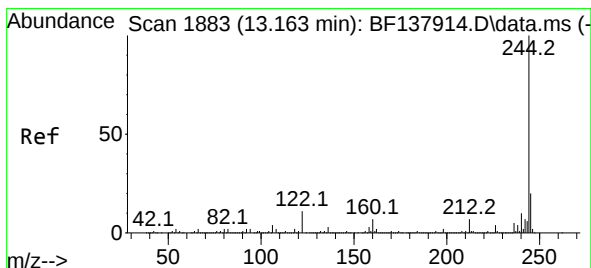
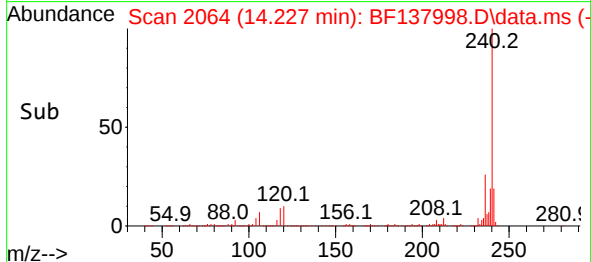
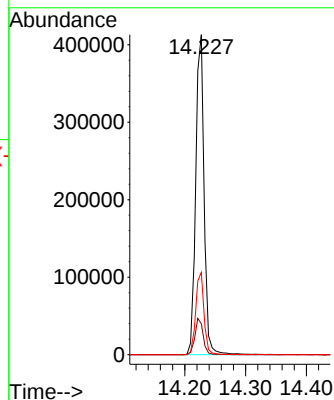
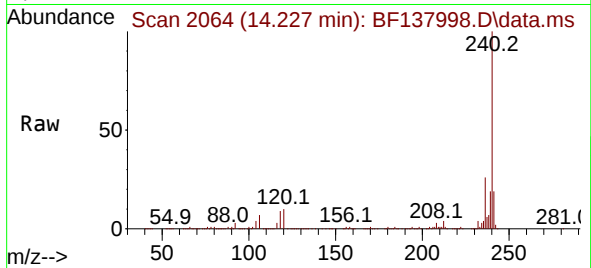




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

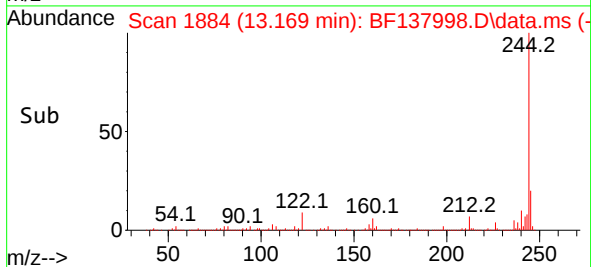
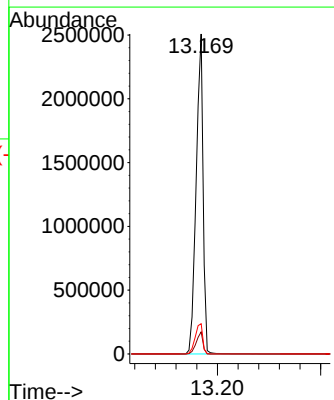
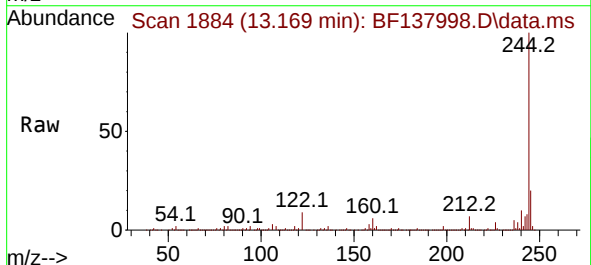
Instrument :
BNA_F
ClientSampleId :
PB161028BL

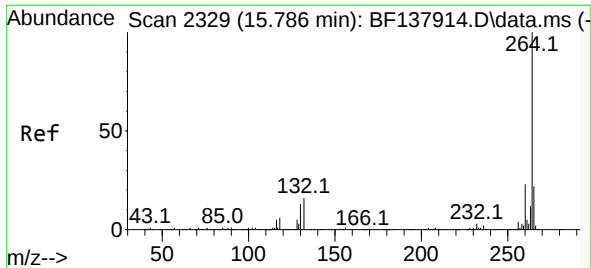
Tgt Ion:240 Resp: 395714
Ion Ratio Lower Upper
240 100
120 9.6 8.9 13.3
236 25.7 21.0 31.4



#79
Terphenyl-d14
Concen: 86.417 ng
RT: 13.169 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

Tgt Ion:244 Resp: 2320287
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 9.5 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137998.D
 Acq: 22 May 2024 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB161028BL

Tgt Ion:264 Resp: 308093
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.3 27.5
 265 20.9 17.6 26.4

