

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138069.D
 Acq On : 30 May 2024 11:59
 Operator : CG\JU
 Sample : PB161142TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161142TB

Quant Time: May 30 12:26:50 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)

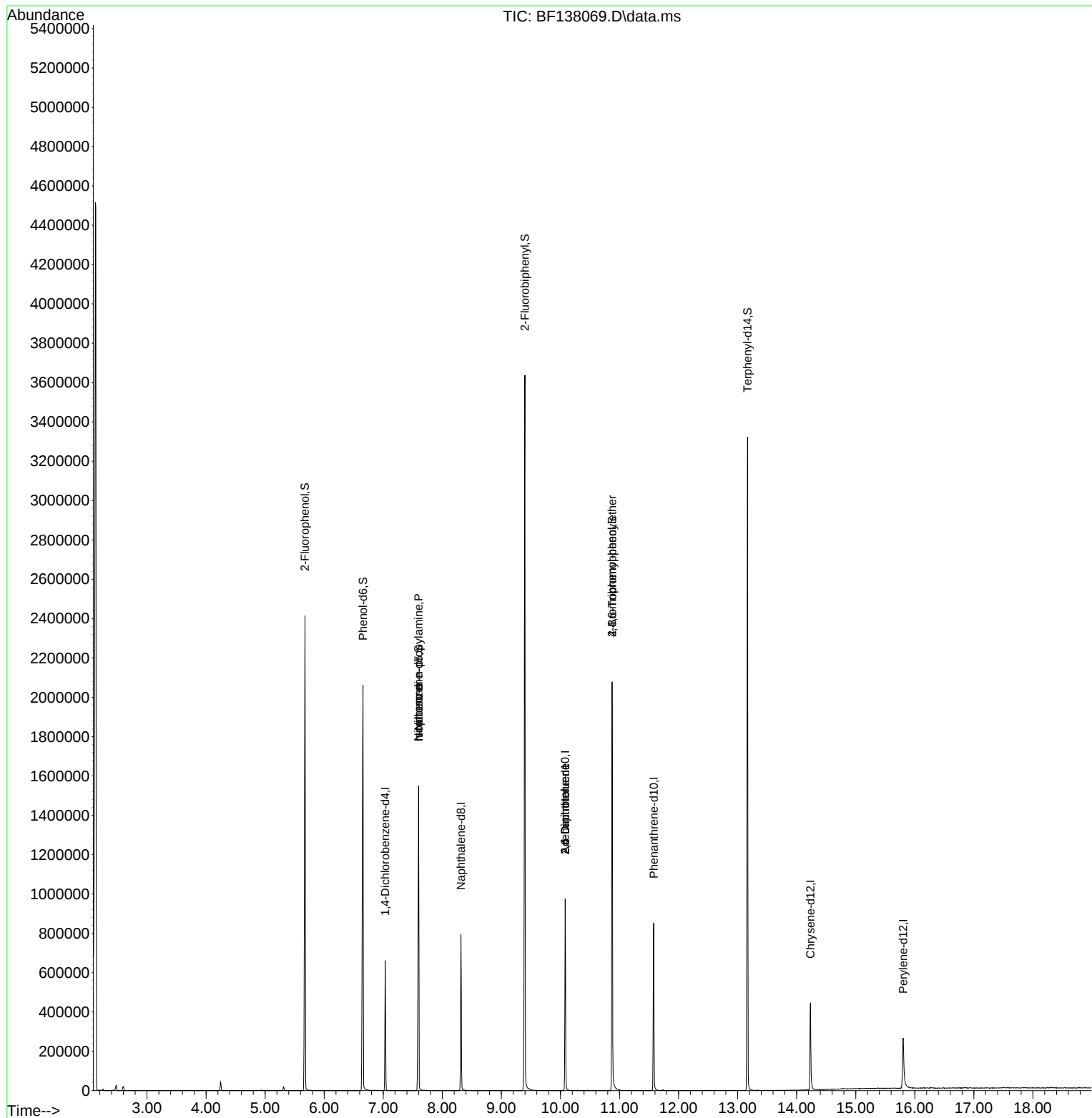
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	93253	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	367067	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	209402	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	347506	20.000	ng	0.00
76) Chrysene-d12	14.233	240	186339	20.000	ng	0.00
86) Perylene-d12	15.804	264	181628	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	719210	131.007	ng	0.01
7) Phenol-d6	6.657	99	853121	126.153	ng	0.00
23) Nitrobenzene-d5	7.598	82	533829	85.587	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	298126	141.198	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1211340	89.108	ng	0.00
79) Terphenyl-d14	13.168	244	1178844	93.238	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.598	70	69679	18.340	ng	# 73
25) Isophorone	7.598	82	533820	49.313	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	26701	8.860	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	26702	6.853	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	18237	4.787	ng	# 1

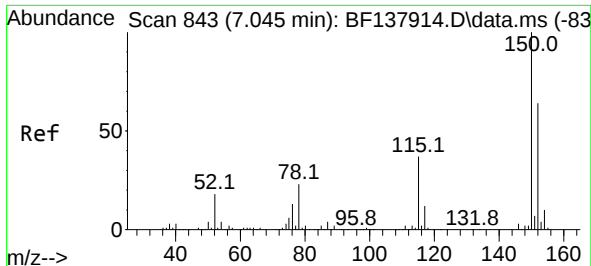
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

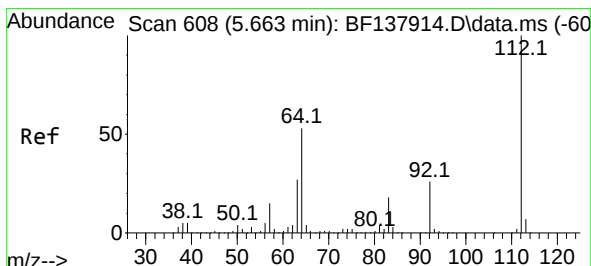
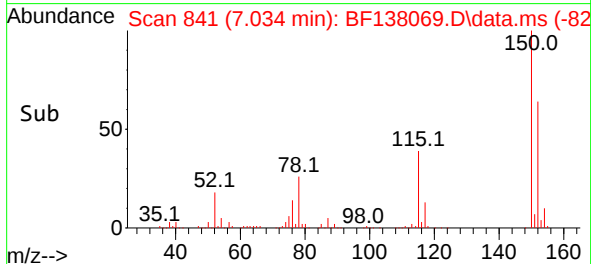
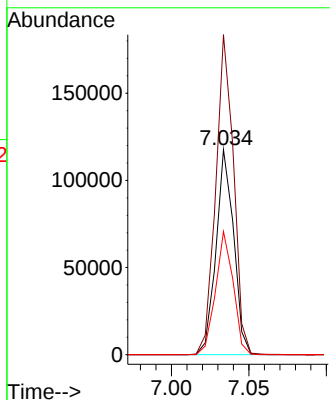
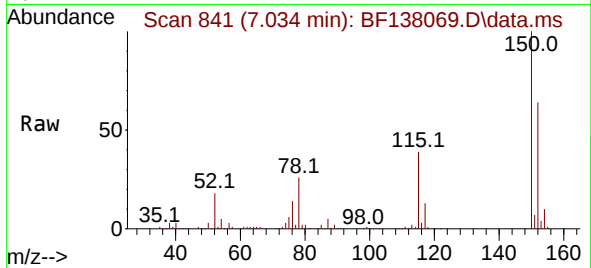




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

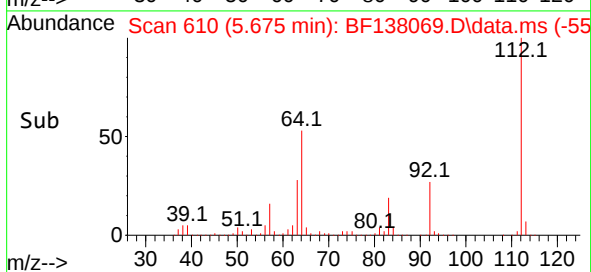
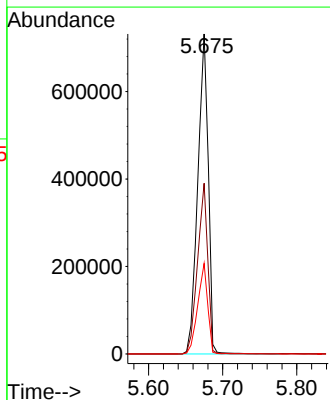
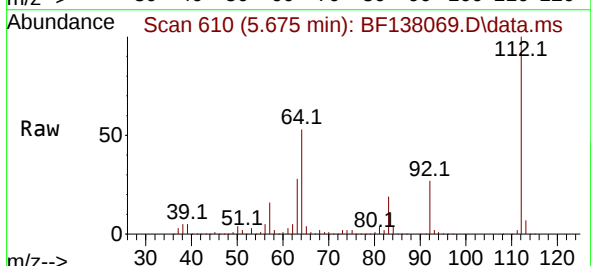
Instrument :
BNA_F
ClientSampleId :
PB161142TB

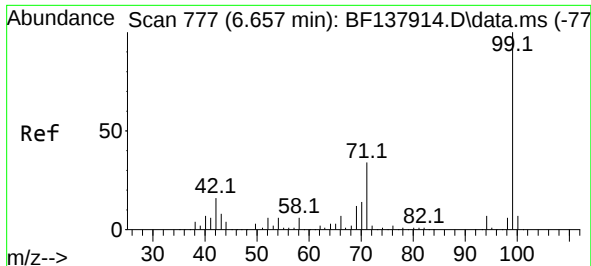
Tgt Ion:152 Resp: 93253
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 60.1 47.0 70.6



#5
2-Fluorophenol
Concen: 131.007 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

Tgt Ion:112 Resp: 719210
Ion Ratio Lower Upper
112 100
64 53.4 42.4 63.6
63 28.3 21.4 32.2

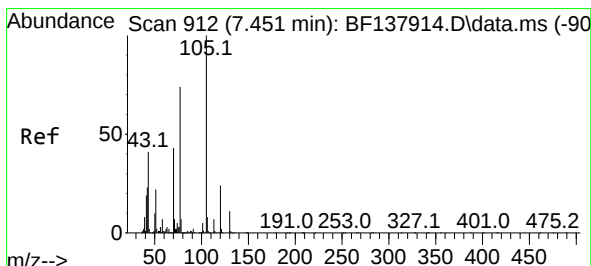
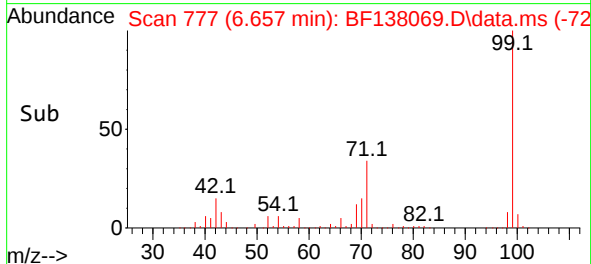
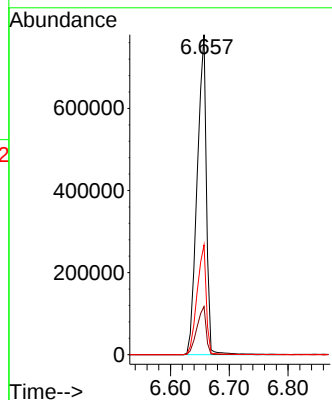
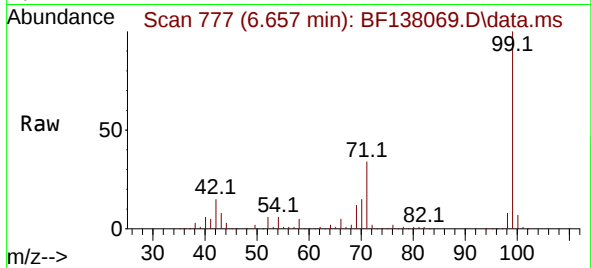




#7
Phenol-d6
Concen: 126.153 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

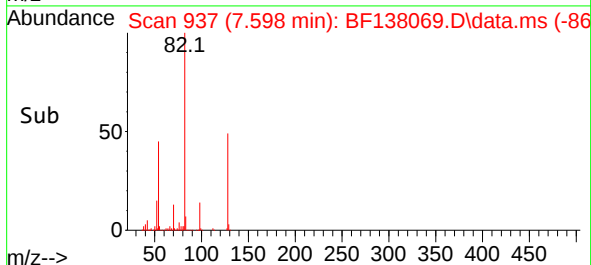
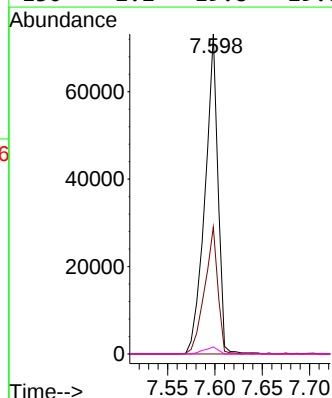
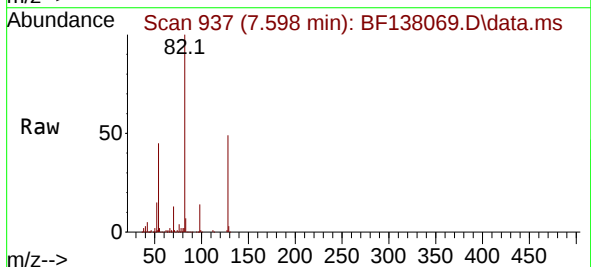
Instrument :
BNA_F
ClientSampleId :
PB161142TB

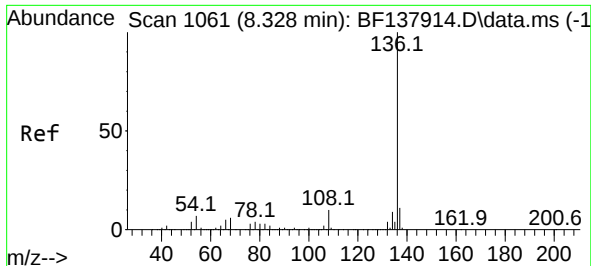
Tgt Ion: 99 Resp: 853121
Ion Ratio Lower Upper
99 100
42 15.1 12.6 18.8
71 34.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.340 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

Tgt Ion: 70 Resp: 69679
Ion Ratio Lower Upper
70 100
42 39.7 42.2 63.4#
101 0.0 8.8 13.2#
130 2.2 19.8 29.8#



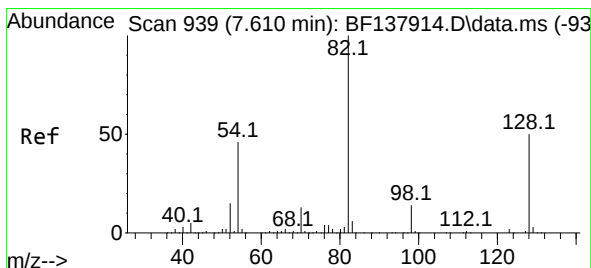
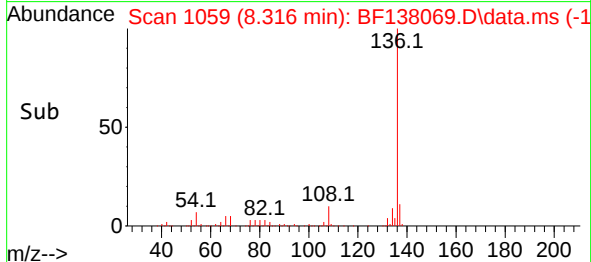
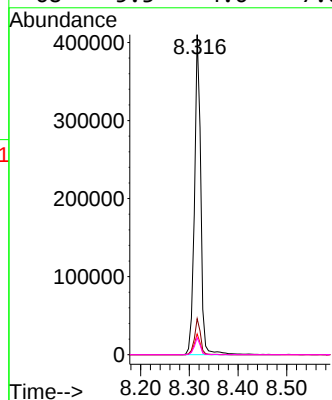
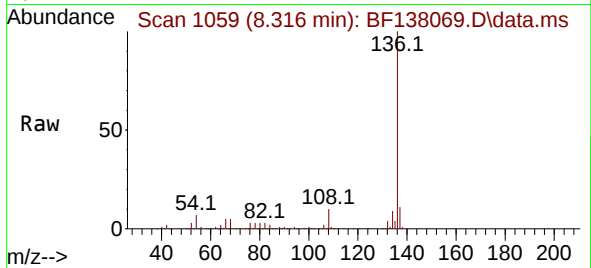


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

Instrument :
BNA_F
ClientSampleId :
PB161142TB

Tgt Ion:136 Resp: 367067

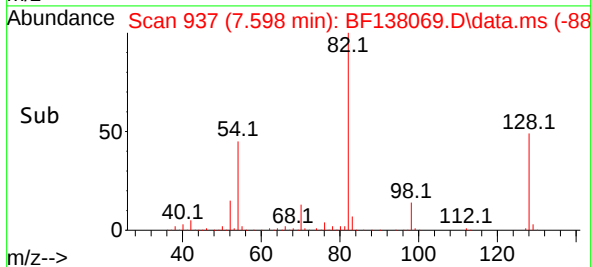
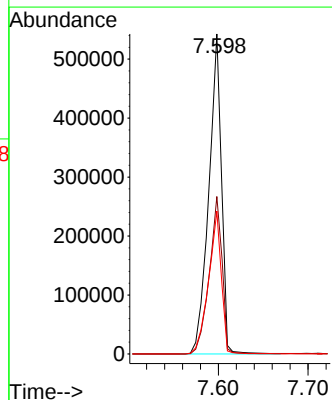
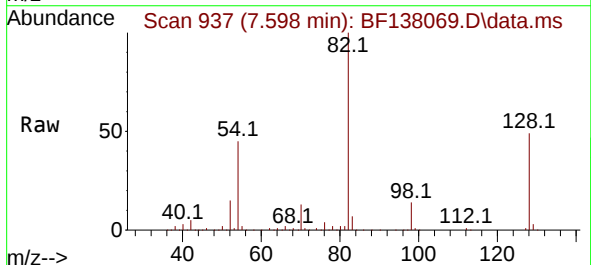
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.5	5.4	8.2
68	5.3	4.6	7.0

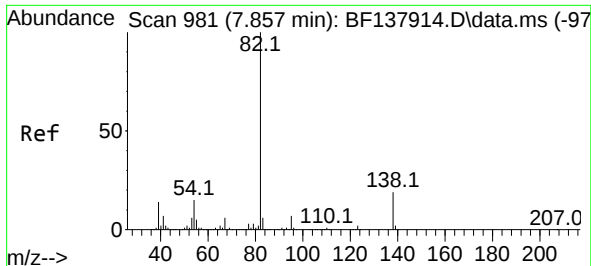


#23
Nitrobenzene-d5
Concen: 85.587 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

Tgt Ion: 82 Resp: 533829

Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.3	60.5
54	44.6	36.8	55.2

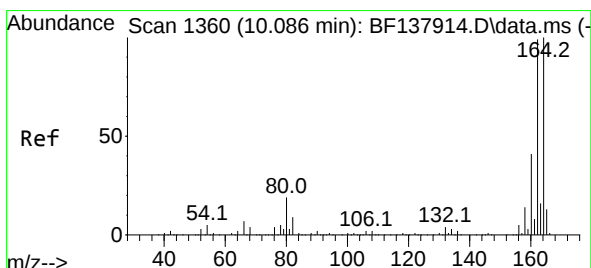
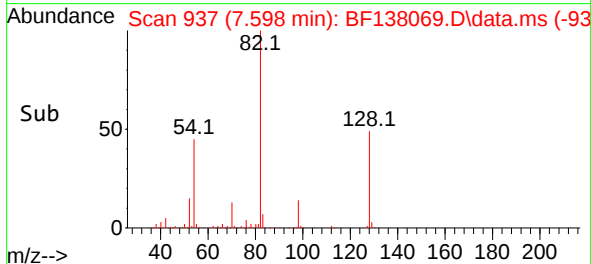
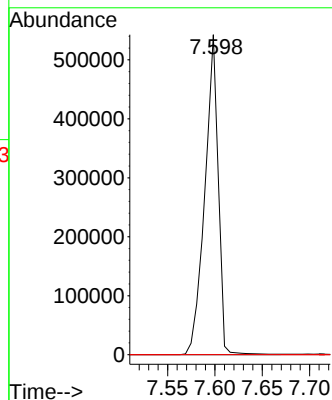
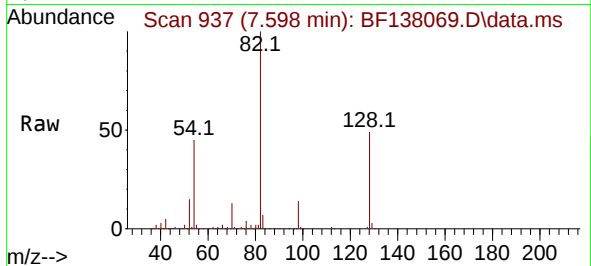




#25
Isophorone
Concen: 49.313 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

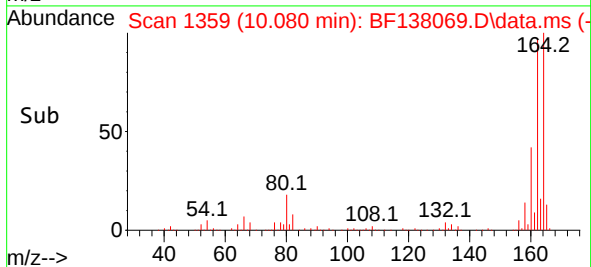
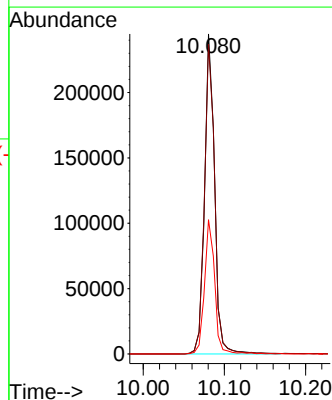
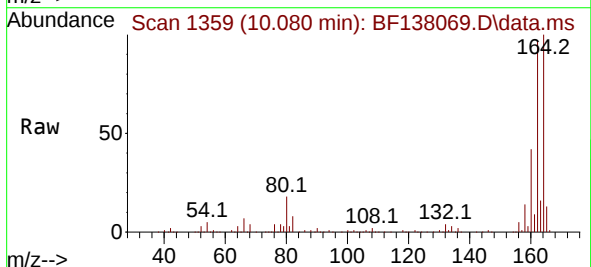
Instrument :
BNA_F
ClientSampleId :
PB161142TB

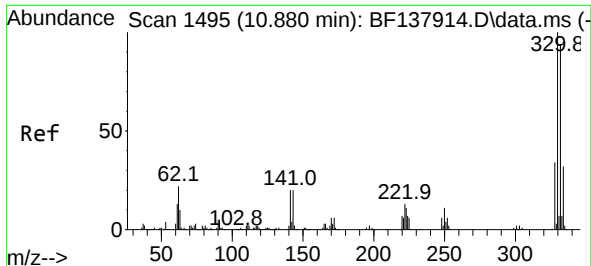
Tgt Ion: 82 Resp: 533820
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

Tgt Ion:164 Resp: 209402
Ion Ratio Lower Upper
164 100
162 96.9 79.4 119.2
160 41.9 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 141.198 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138069.D

Acq: 30 May 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB161142TB

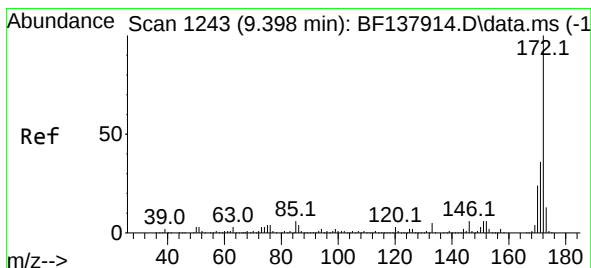
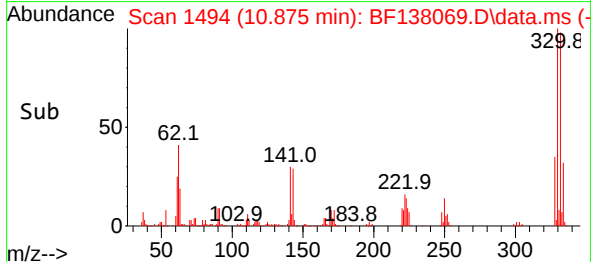
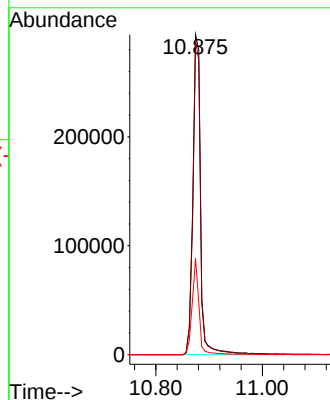
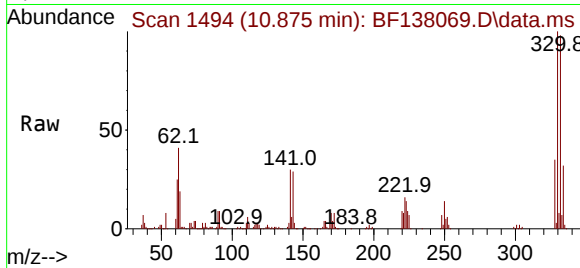
Tgt Ion:330 Resp: 298126

Ion Ratio Lower Upper

330 100

332 96.3 75.8 113.8

141 26.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 89.108 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138069.D

Acq: 30 May 2024 11:59

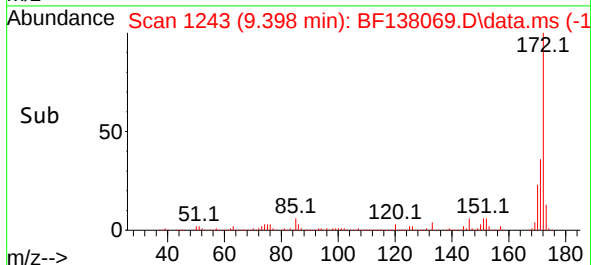
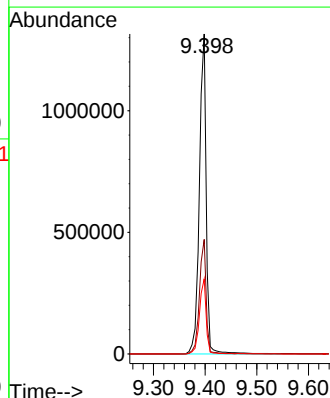
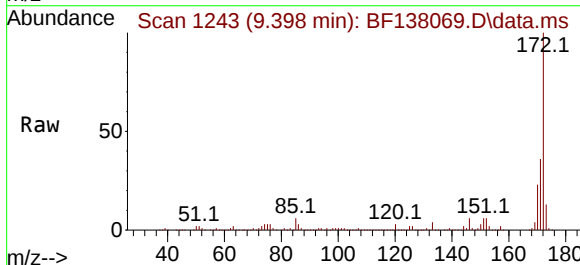
Tgt Ion:172 Resp: 1211340

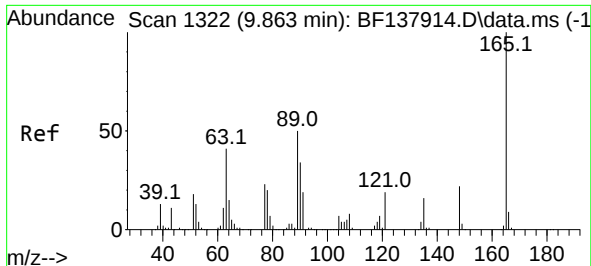
Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 23.5 18.9 28.3

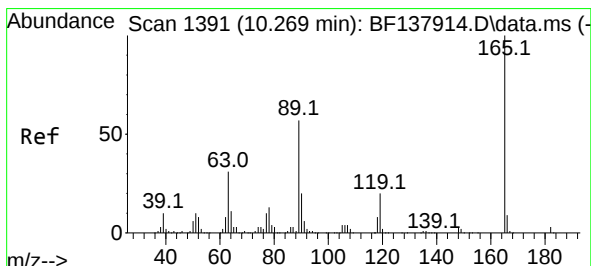
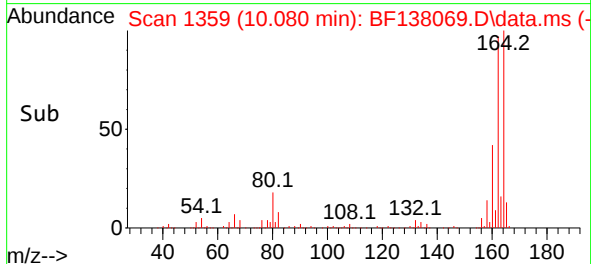
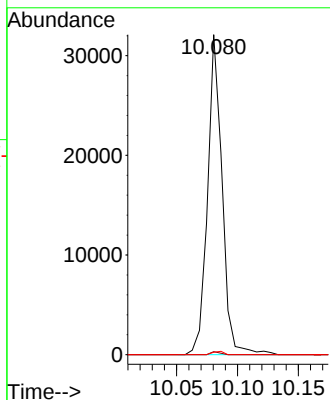
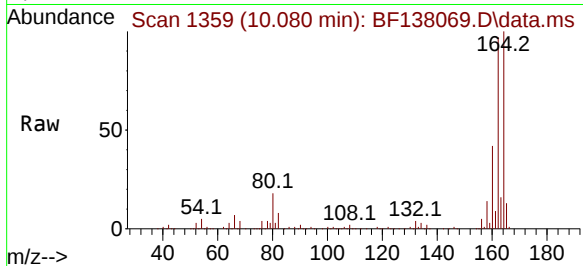




#51
2,6-Dinitrotoluene
Concen: 8.860 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

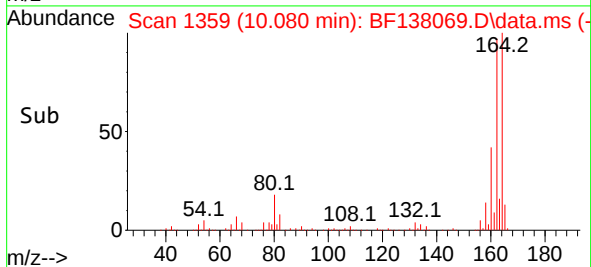
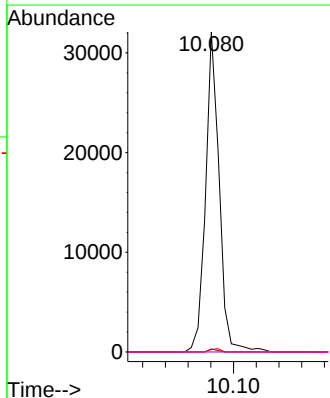
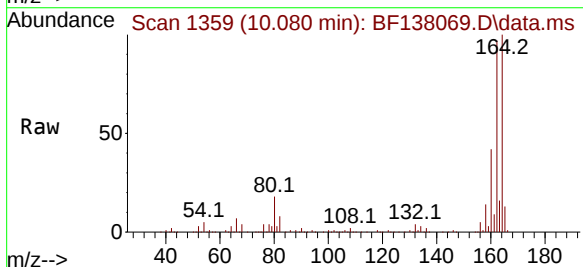
Instrument :
BNA_F
ClientSampleId :
PB161142TB

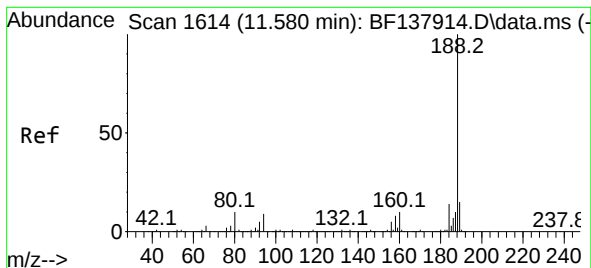
Tgt Ion:165 Resp: 26701
Ion Ratio Lower Upper
165 100
63 1.0 38.9 58.3#
89 0.7 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.853 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

Tgt Ion:165 Resp: 26702
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: 11.580 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138069.D

Acq: 30 May 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB161142TB

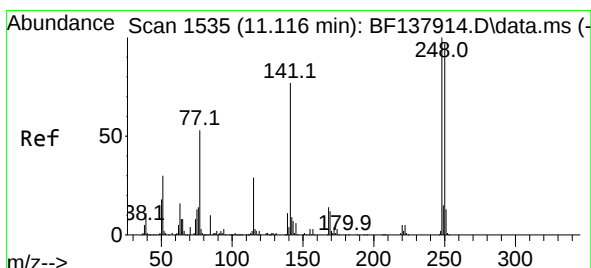
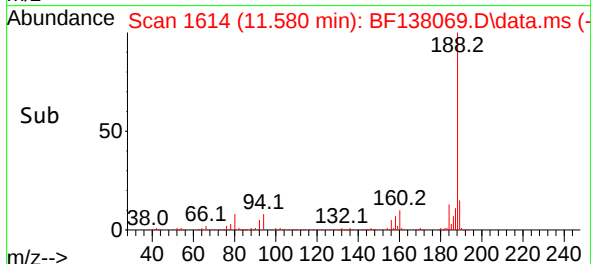
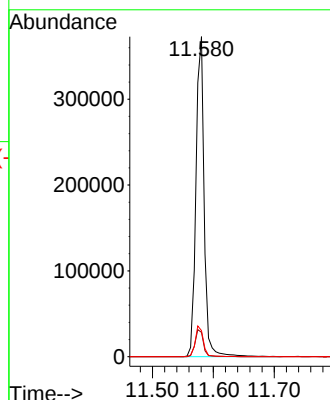
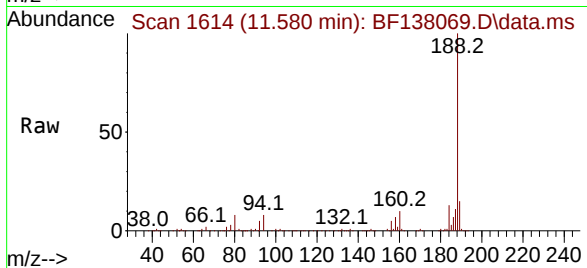
Tgt Ion:188 Resp: 347506

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.4

80 8.2 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.787 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF138069.D

Acq: 30 May 2024 11:59

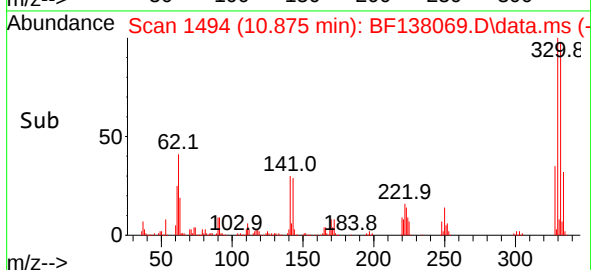
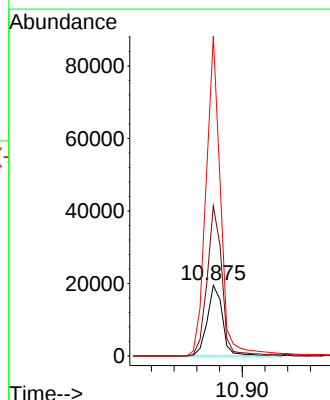
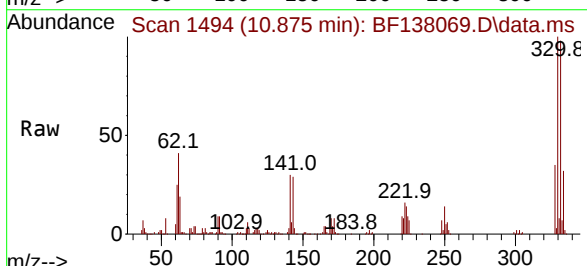
Tgt Ion:248 Resp: 18237

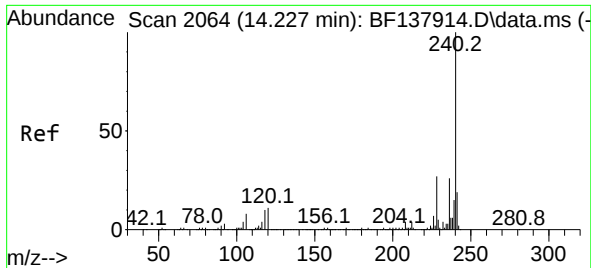
Ion Ratio Lower Upper

248 100

250 212.5 77.6 116.4#

141 453.2 61.4 92.2#

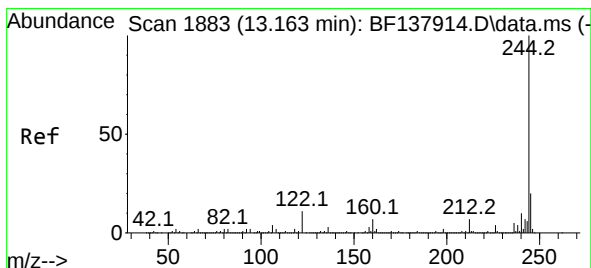
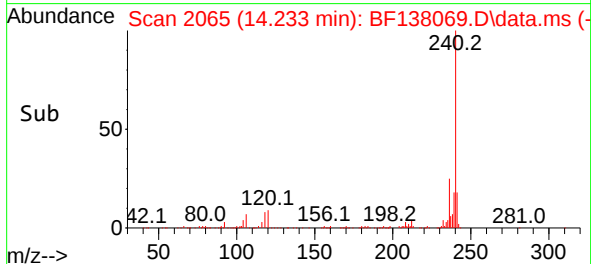
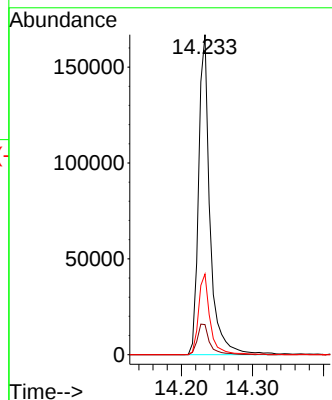
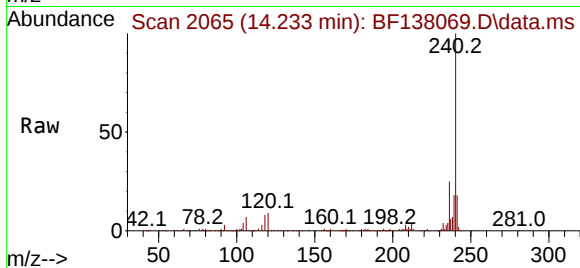




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

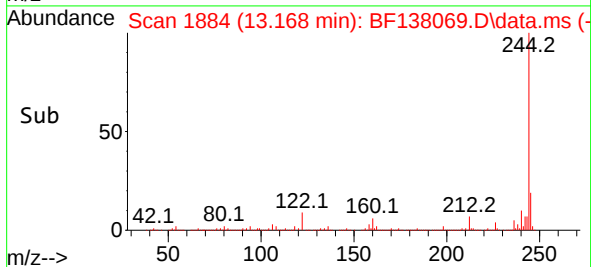
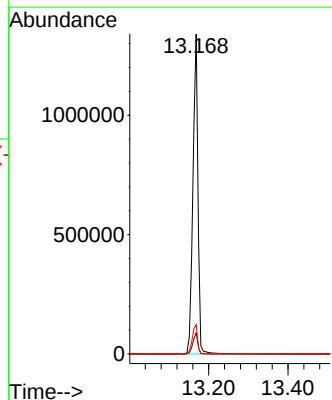
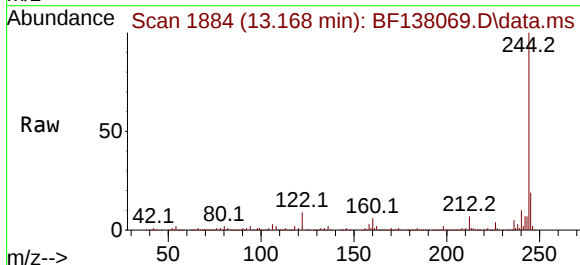
Instrument :
BNA_F
ClientSampleId :
PB161142TB

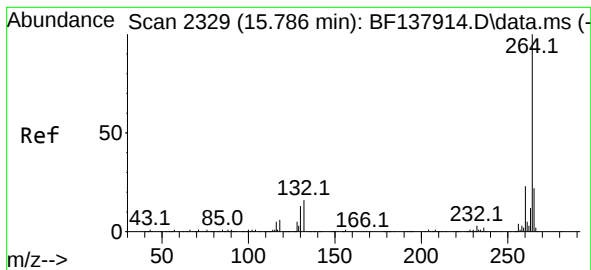
Tgt Ion:240 Resp: 186339
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 25.2 21.0 31.4



#79
Terphenyl-d14
Concen: 93.238 ng
RT: 13.168 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

Tgt Ion:244 Resp: 1178844
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 9.2 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.804 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF138069.D
 Acq: 30 May 2024 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB161142TB

Tgt Ion:264 Resp: 181628
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 22.0 17.6 26.4

