

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF137996.D
 Acq On : 22 May 2024 10:16
 Operator : CG\JU
 Sample : PB161030BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161030BL

Quant Time: May 22 11:18:33 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)

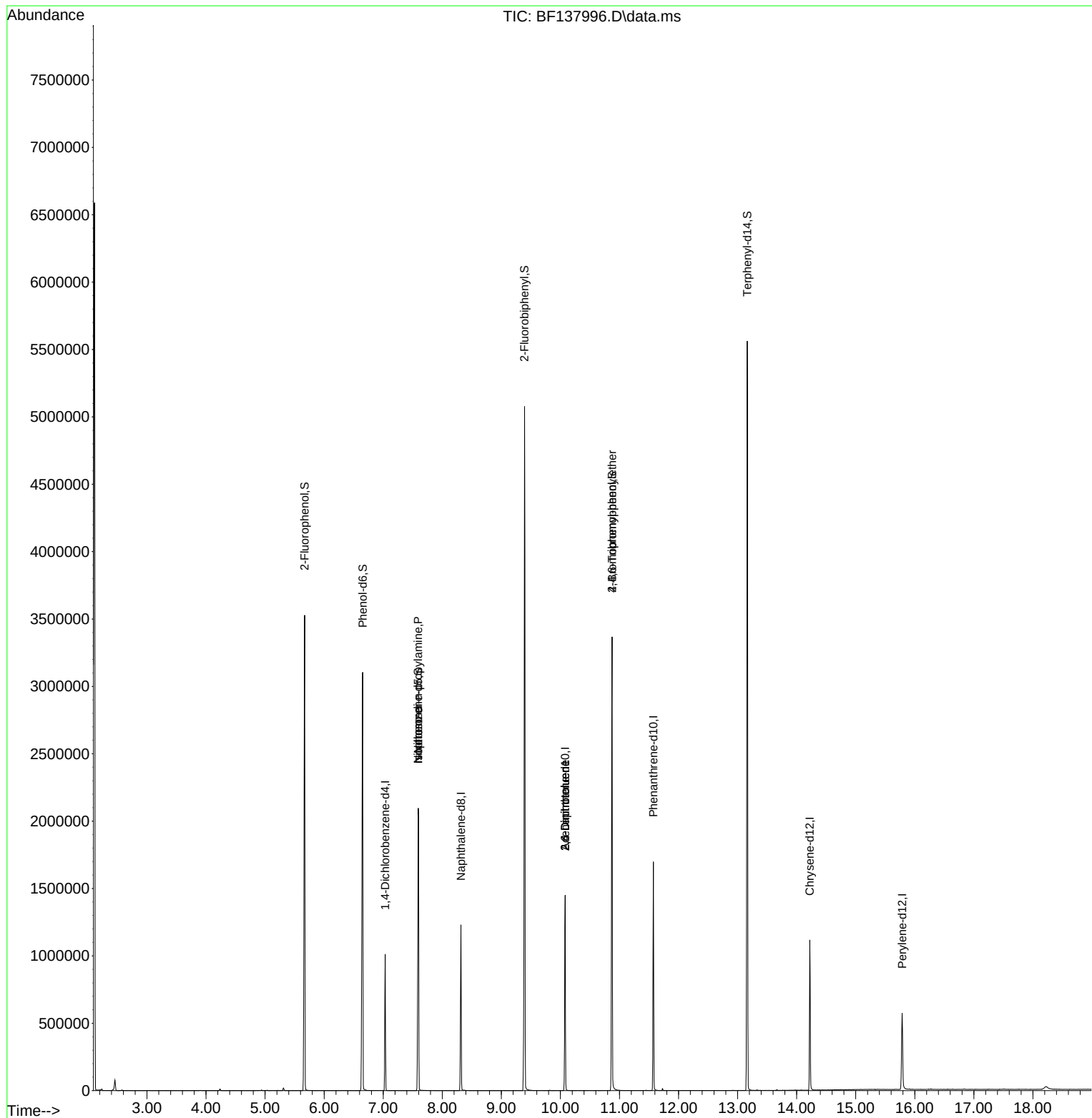
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	139355	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	550979	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	315202	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	574613	20.000	ng	0.00
76) Chrysene-d12	14.221	240	373875	20.000	ng	0.00
86) Perylene-d12	15.786	264	301404	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1089747	132.833	ng	0.00
7) Phenol-d6	6.651	99	1322594	130.874	ng	0.00
23) Nitrobenzene-d5	7.592	82	820110	87.597	ng	-0.02
42) 2,4,6-Tribromophenol	10.875	330	450344	141.699	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1765394	86.275	ng	0.00
79) Terphenyl-d14	13.163	244	2156602	85.012	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.592	70	106770	18.805	ng	# 75
25) Isophorone	7.592	82	820094	50.471	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	40568	8.943	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	40568	6.917	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	28498	4.524	ng	# 1

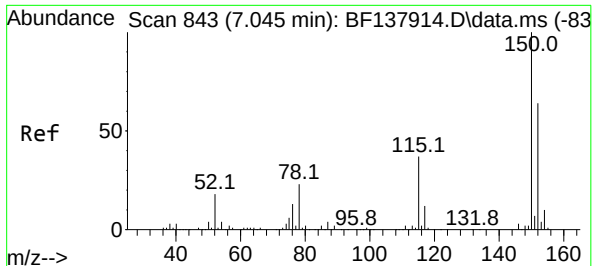
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
Data File : BF137996.D
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Operator : CG\JU
Sample : PB161030BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161030BL

Quant Time: May 22 11:18:33 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

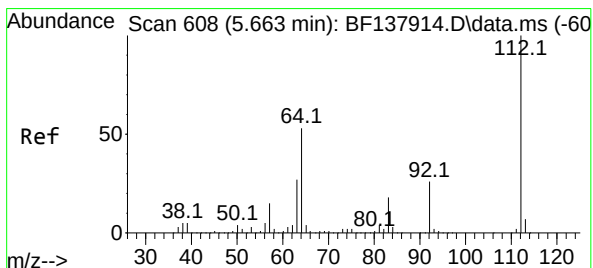
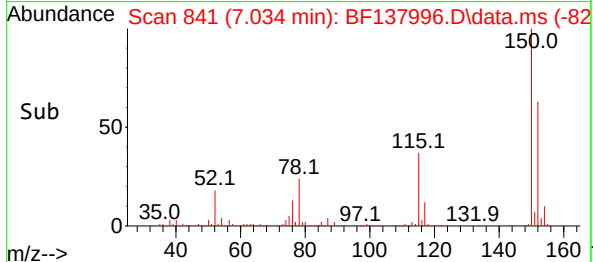
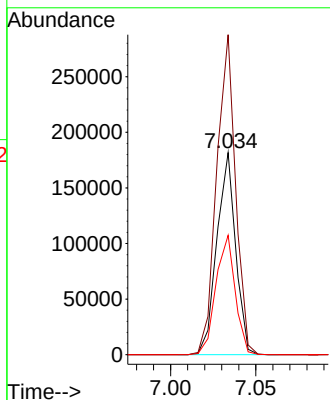
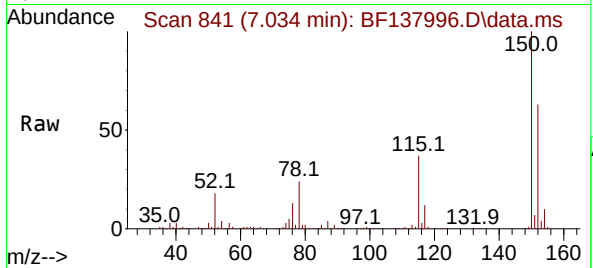




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

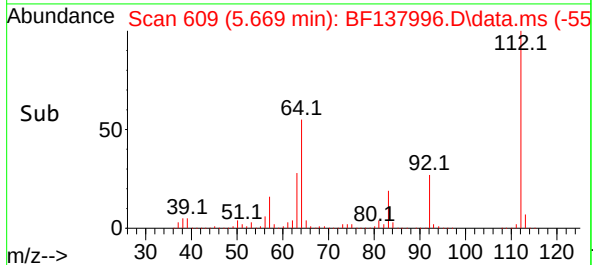
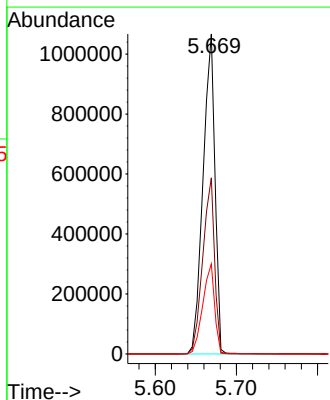
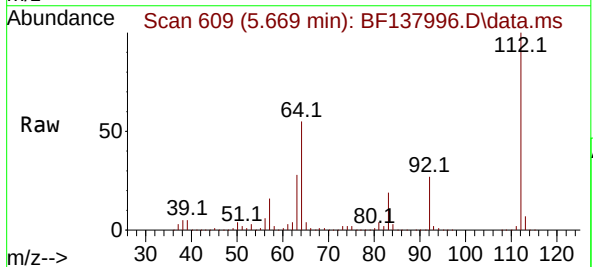
Instrument :
BNA_F
ClientSampleId :
PB161030BL

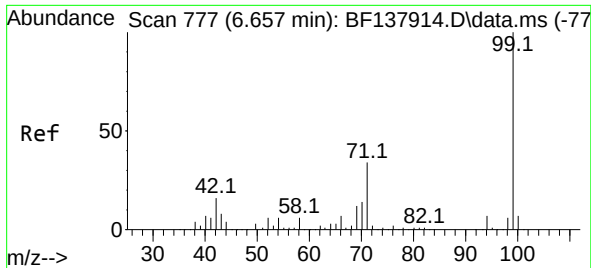
Tgt Ion:152 Resp: 139355
Ion Ratio Lower Upper
152 100
150 158.4 125.7 188.5
115 59.1 47.0 70.6



#5
2-Fluorophenol
Concen: 132.833 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

Tgt Ion:112 Resp: 1089747
Ion Ratio Lower Upper
112 100
64 55.1 42.4 63.6
63 28.2 21.4 32.2

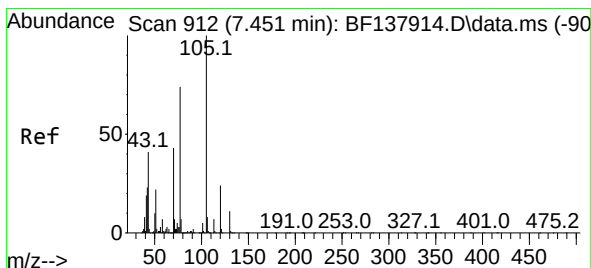
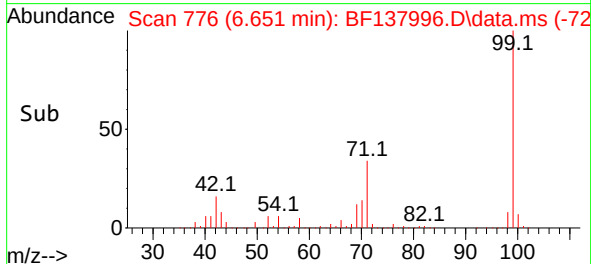
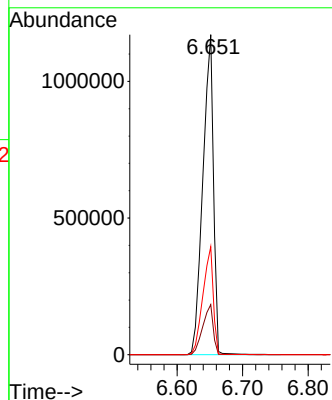
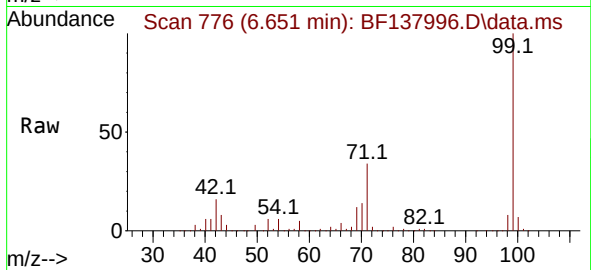




#7
Phenol-d6
Concen: 130.874 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

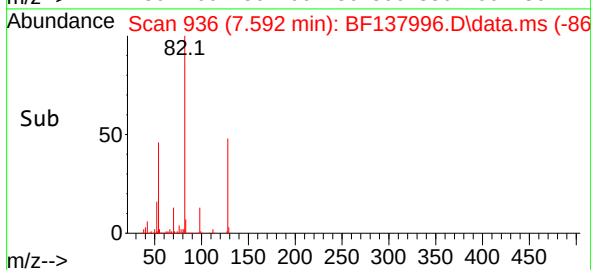
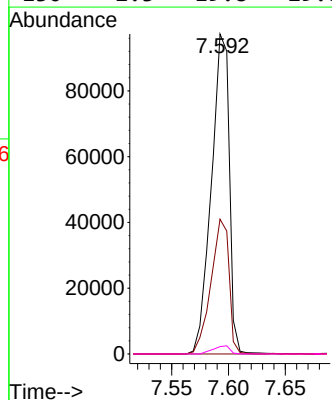
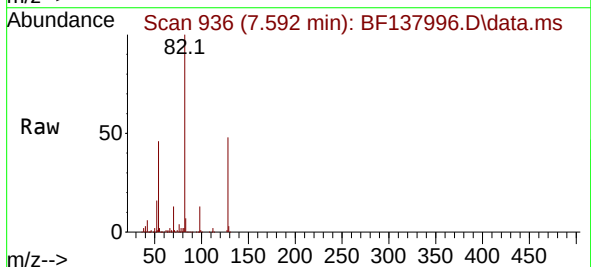
Instrument :
BNA_F
ClientSampleId :
PB161030BL

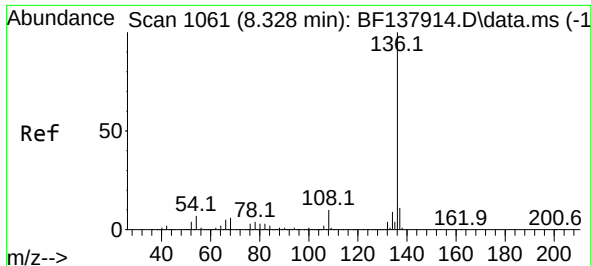
Tgt Ion: 99 Resp: 1322594
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 33.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.805 ng
RT: 7.592 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

Tgt Ion: 70 Resp: 106770
Ion Ratio Lower Upper
70 100
42 42.1 42.2 63.4#
101 0.0 8.8 13.2#
130 2.3 19.8 29.8#

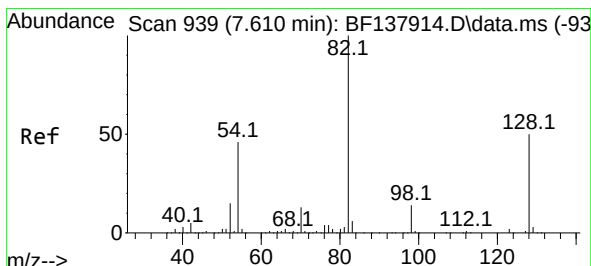
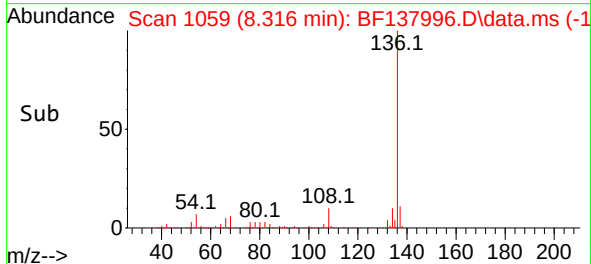
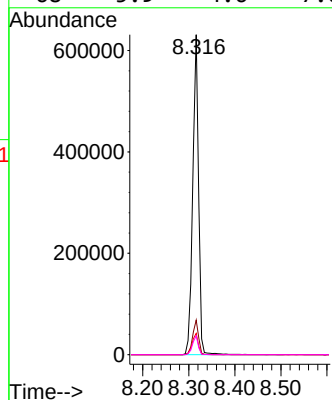
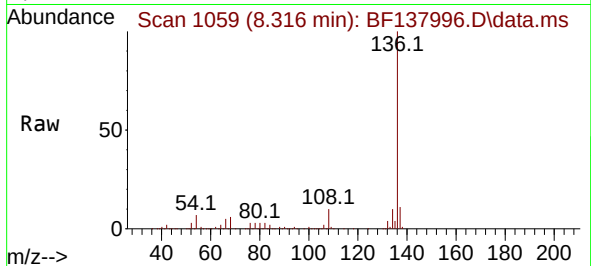




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

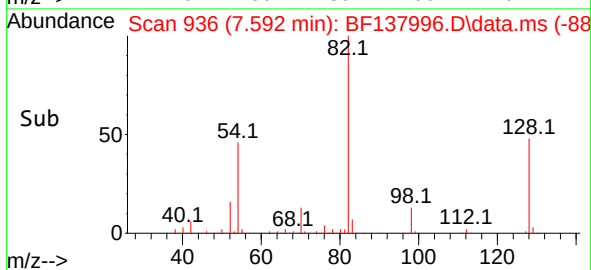
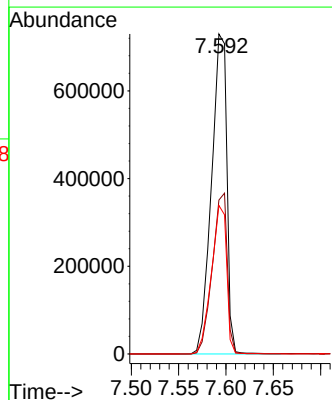
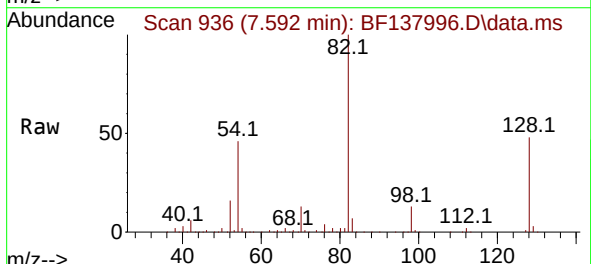
Instrument :
BNA_F
ClientSampleId :
PB161030BL

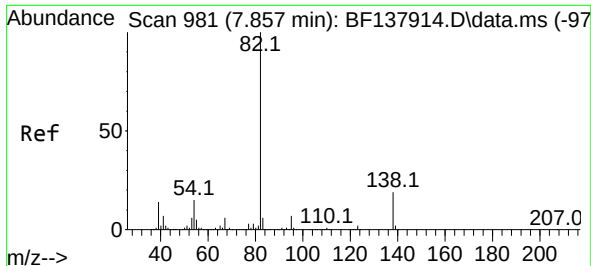
Tgt Ion:136 Resp: 550979
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.7 5.4 8.2
68 5.9 4.6 7.0



#23
Nitrobenzene-d5
Concen: 87.597 ng
RT: 7.592 min Scan# 936
Delta R.T. -0.018 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

Tgt Ion: 82 Resp: 820110
Ion Ratio Lower Upper
82 100
128 48.1 40.3 60.5
54 46.4 36.8 55.2

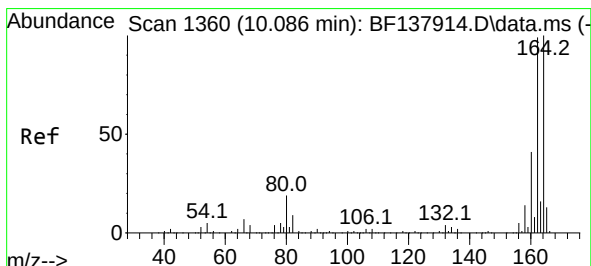
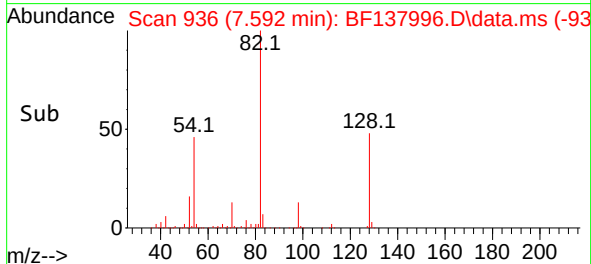
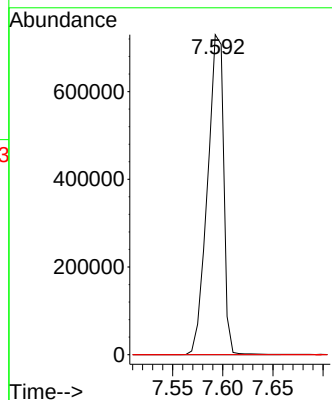
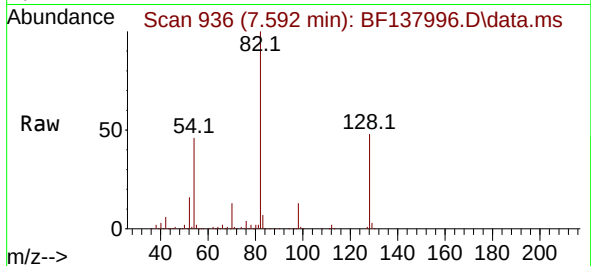




#25
Isophorone
Concen: 50.471 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

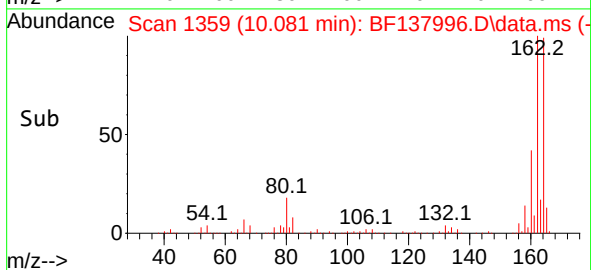
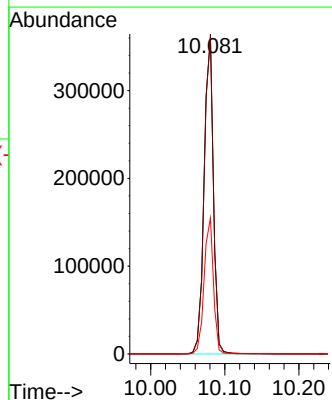
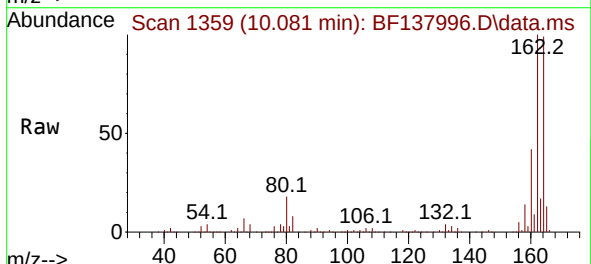
Instrument :
BNA_F
ClientSampleId :
PB161030BL

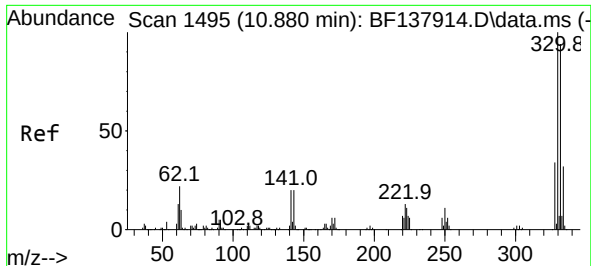
Tgt Ion: 82 Resp: 820094
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

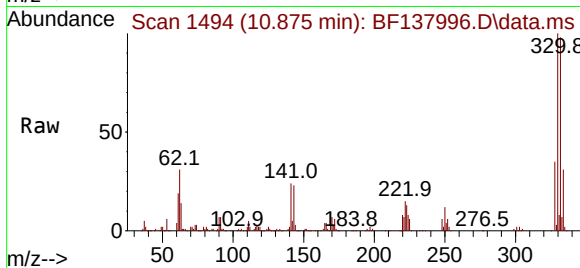
Tgt Ion:164 Resp: 315202
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.2
160 43.0 33.1 49.7



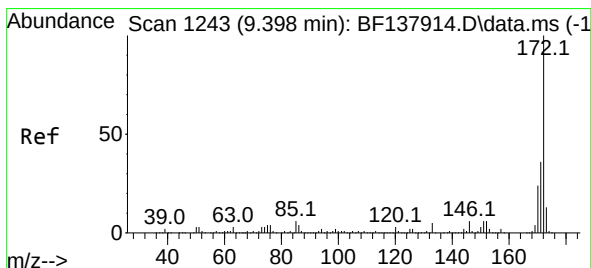
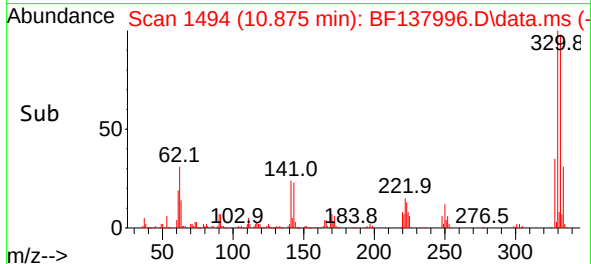
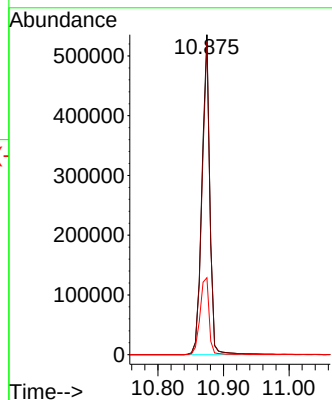


#42
2,4,6-Tribromophenol
Concen: 141.699 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

Instrument :
BNA_F
ClientSampleId :
PB161030BL

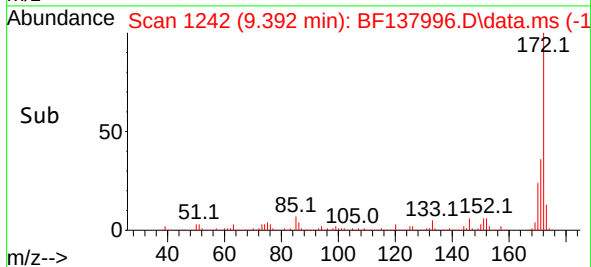
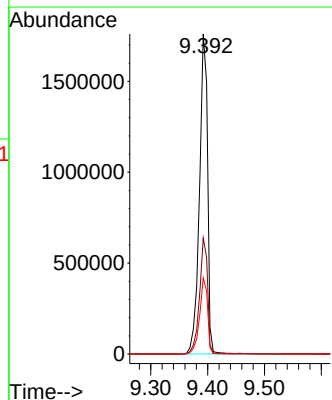
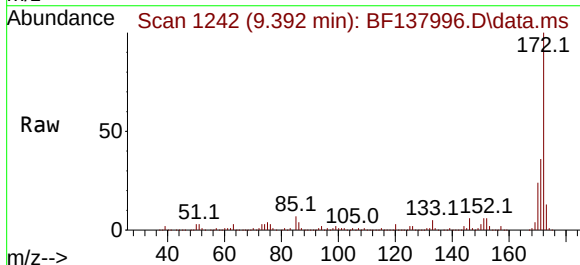


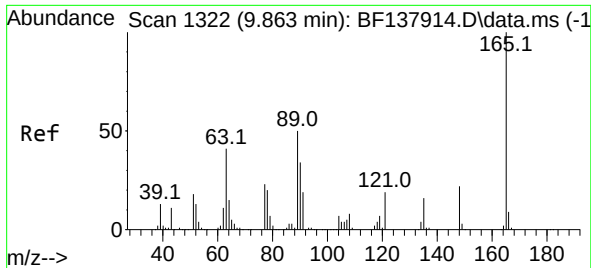
Tgt Ion:330 Resp: 450344
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.8
141 27.6 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 86.275 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

Tgt Ion:172 Resp: 1765394
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.7 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.943 ng

RT: 10.081 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF137996.D

Acq: 22 May 2024 10:16

Instrument :

BNA_F

ClientSampleId :

PB161030BL

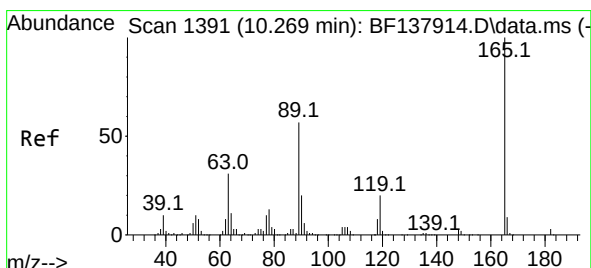
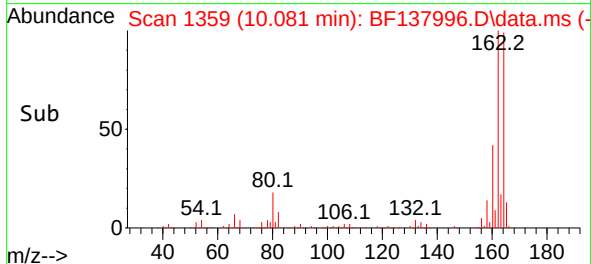
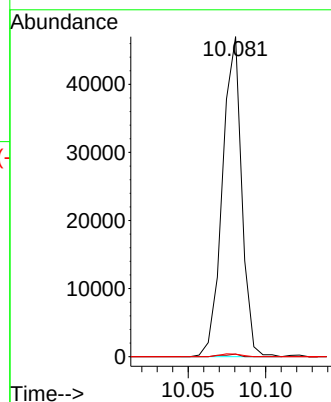
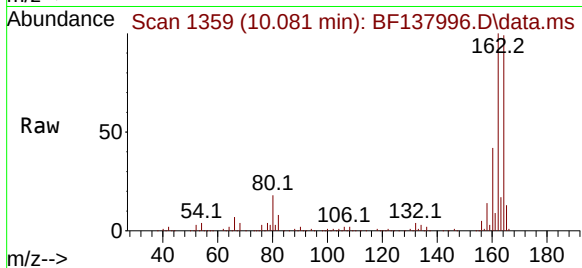
Tgt Ion:165 Resp: 40568

Ion Ratio Lower Upper

165 100

63 0.8 38.9 58.3#

89 0.8 40.4 60.6#



#57

2,4-Dinitrotoluene

Concen: 6.917 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.188 min

Lab File: BF137996.D

Acq: 22 May 2024 10:16

Tgt Ion:165 Resp: 40568

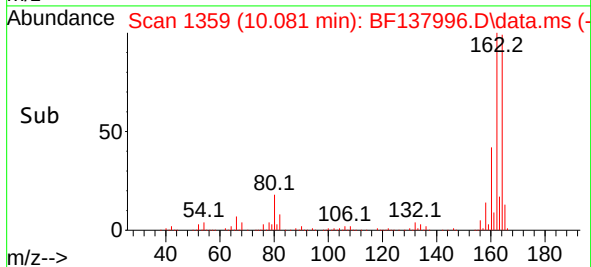
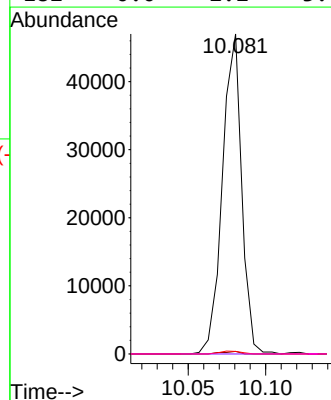
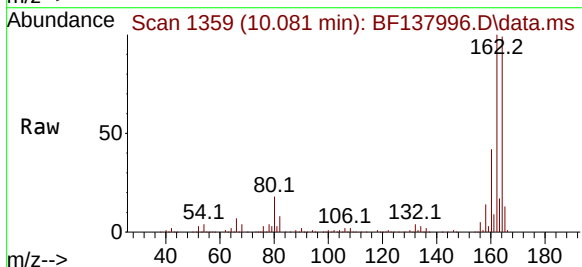
Ion Ratio Lower Upper

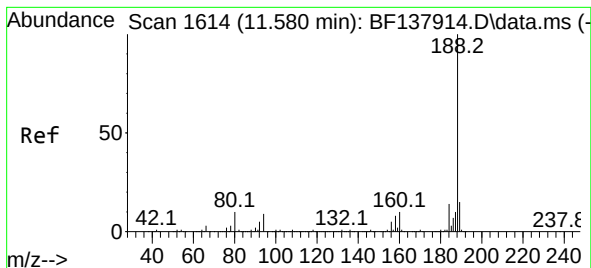
165 100

63 0.8 25.3 37.9#

89 0.8 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: BF137996.D

Acq: 22 May 2024 10:16

Instrument :

BNA_F

ClientSampleId :

PB161030BL

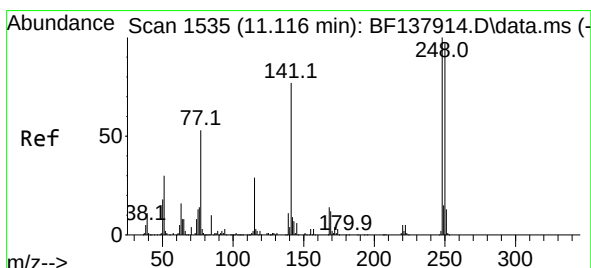
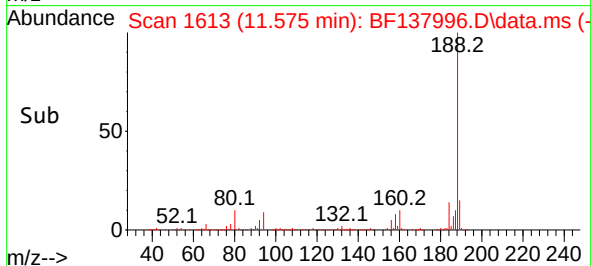
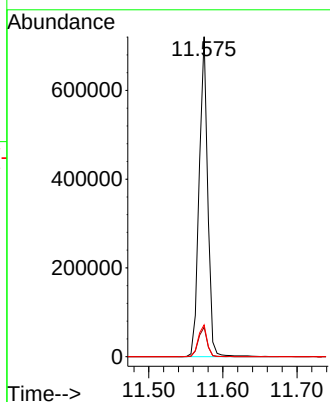
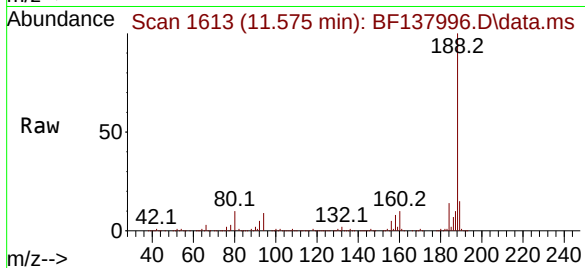
Tgt Ion:188 Resp: 574613

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

80 10.0 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.524 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137996.D

Acq: 22 May 2024 10:16

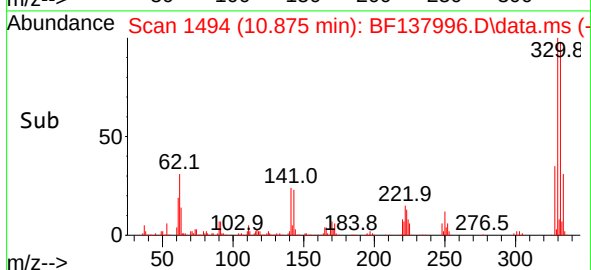
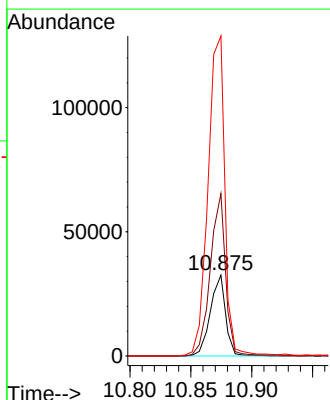
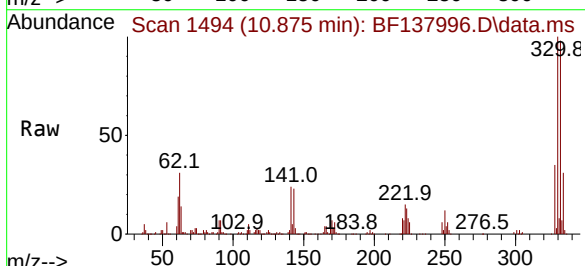
Tgt Ion:248 Resp: 28498

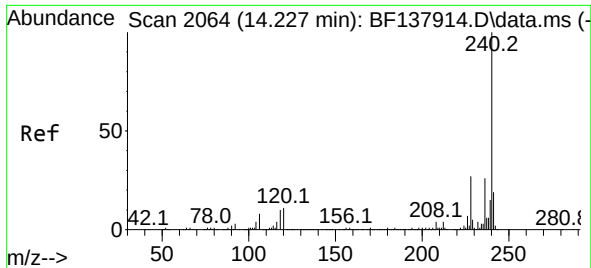
Ion Ratio Lower Upper

248 100

250 200.9 77.6 116.4#

141 395.9 61.4 92.2#

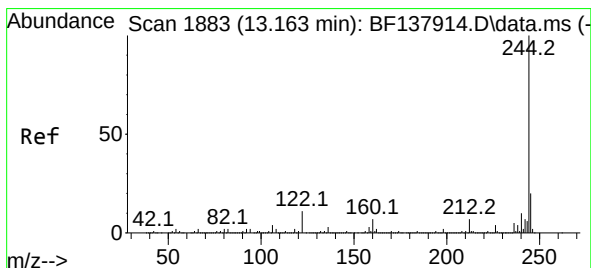
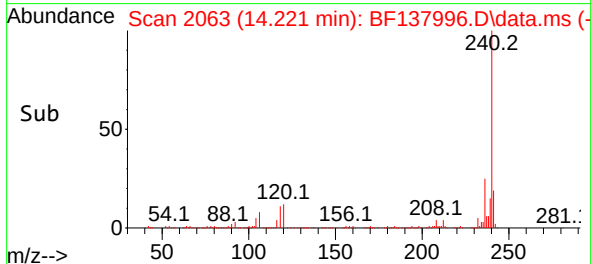
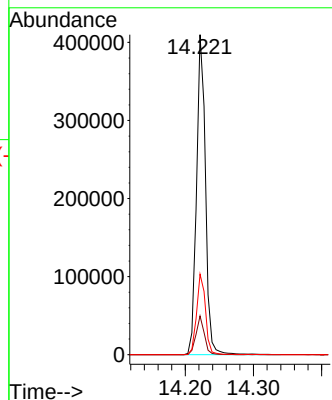
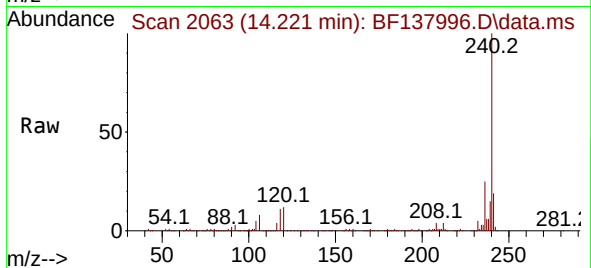




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

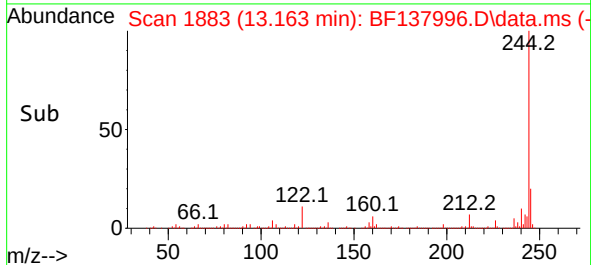
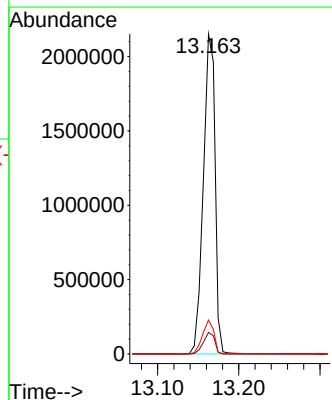
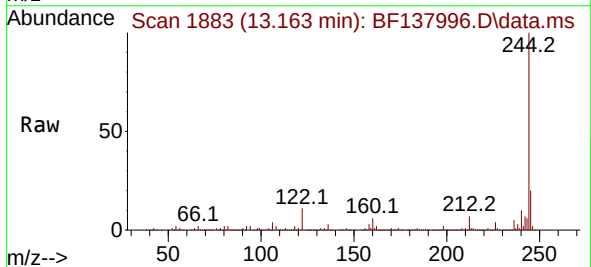
Instrument :
BNA_F
ClientSampleId :
PB161030BL

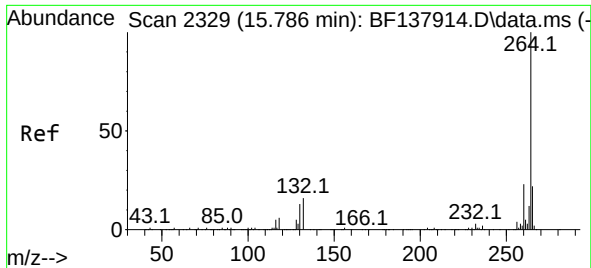
Tgt Ion:240 Resp: 373875
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.2 21.0 31.4



#79
Terphenyl-d14
Concen: 85.012 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BF137996.D
Acq: 22 May 2024 10:16

Tgt Ion:244 Resp: 2156602
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# 21
 Delta R.T. 0.000 min
 Lab File: BF137996.D
 Acq: 22 May 2024 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB161030BL

Tgt Ion:264 Resp: 301404
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.3 27.5
 265 21.3 17.6 26.4

