

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137718.D
 Acq On : 24 Apr 2024 14:50
 Operator : CG\JU
 Sample : PB160476BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160476BL

Quant Time: Apr 24 15:29:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

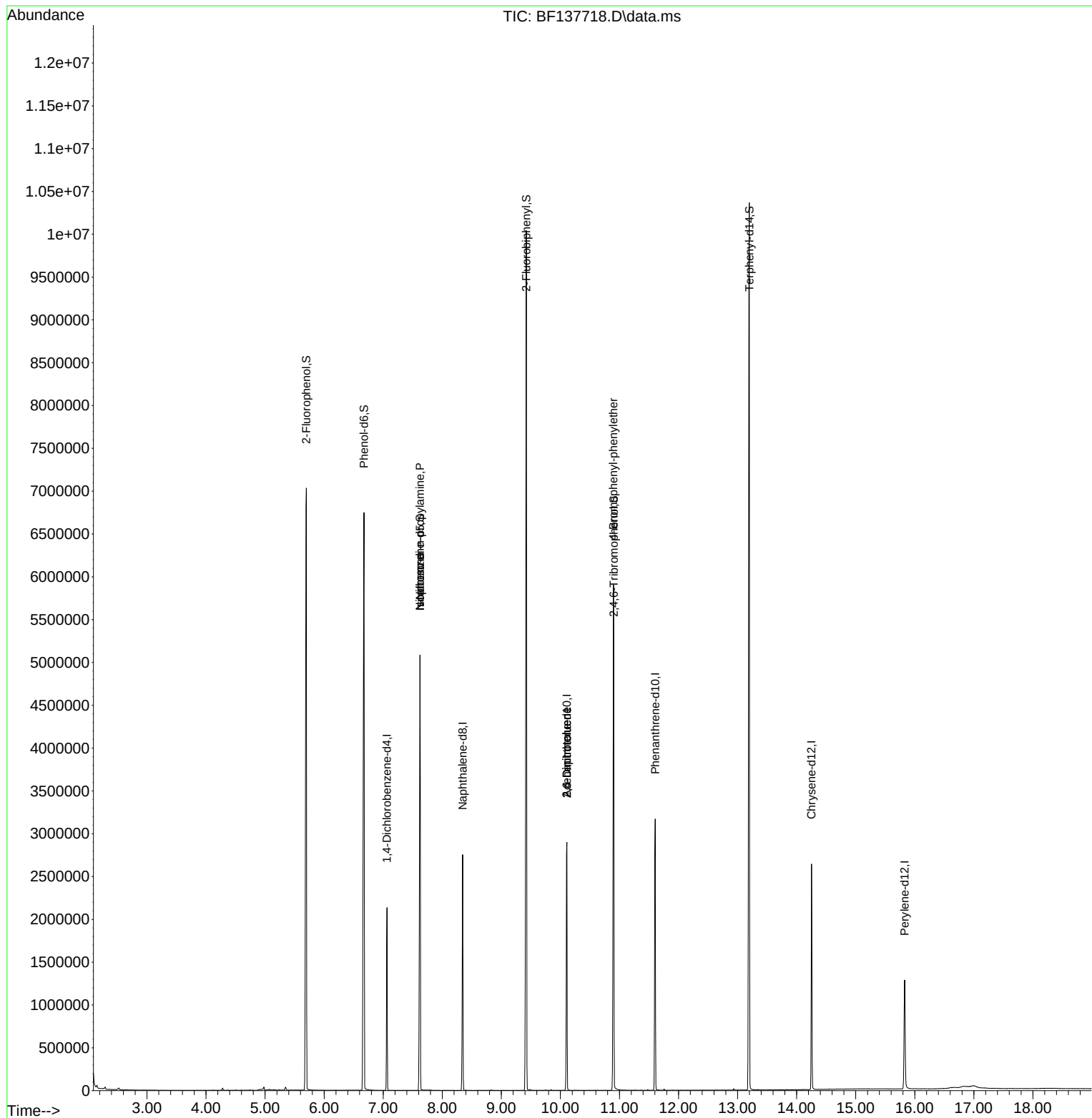
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	295991	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1157084	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	640160	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1101802	20.000	ng	0.00
76) Chrysene-d12	14.251	240	796589	20.000	ng	0.00
86) Perylene-d12	15.827	264	600891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	2344510	120.321	ng	0.02
7) Phenol-d6	6.675	99	2909759	117.593	ng	0.00
23) Nitrobenzene-d5	7.622	82	1801101	82.629	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	791735	122.565	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3426849	79.987	ng	0.00
79) Terphenyl-d14	13.198	244	4040641	81.644	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.622	70	240419	15.026	ng	# 78
25) Isophorone	7.622	82	1798923	44.436	ng	# 64
51) 2,6-Dinitrotoluene	10.110	165	81672	8.691	ng	# 22
57) 2,4-Dinitrotoluene	10.110	165	81672	6.894	ng	# 24
67) 4-Bromophenyl-phenylether	10.898	248	54337	4.256	ng	# 1

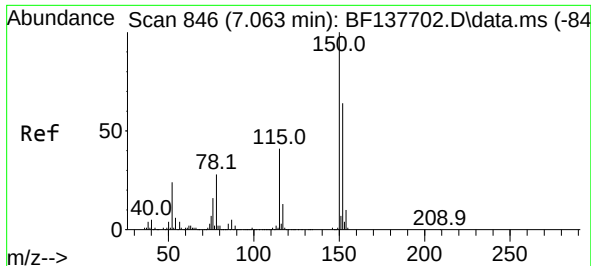
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
Data File : BF137718.D
Acq On : 24 Apr 2024 14:50
Operator : CG\JU
Sample : PB160476BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Apr 24 15:29:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
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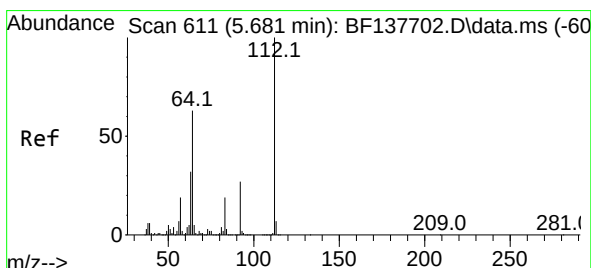
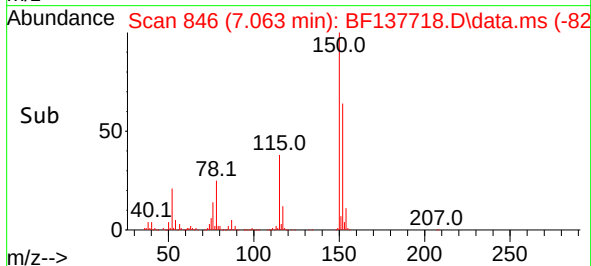
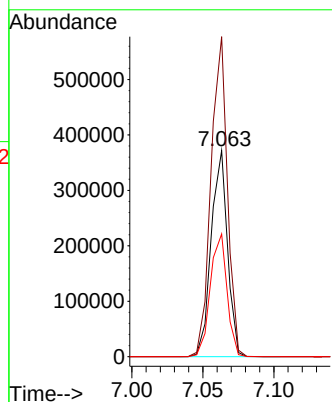
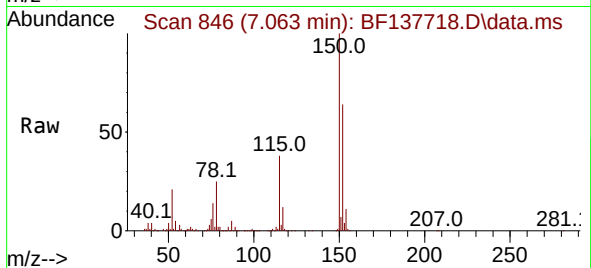




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.063 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BF137718.D
 Acq: 24 Apr 2024 14:50

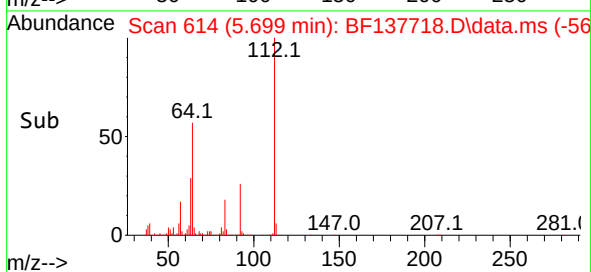
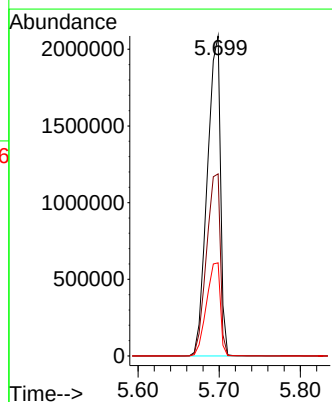
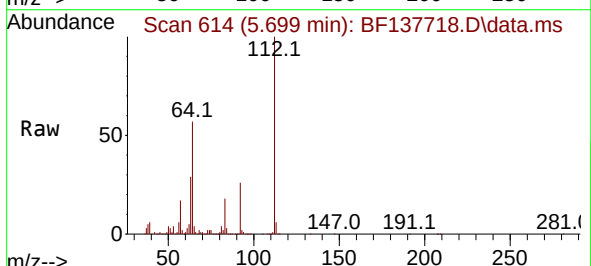
Instrument :
 BNA_F
 ClientSampleId :
 PB160476BL

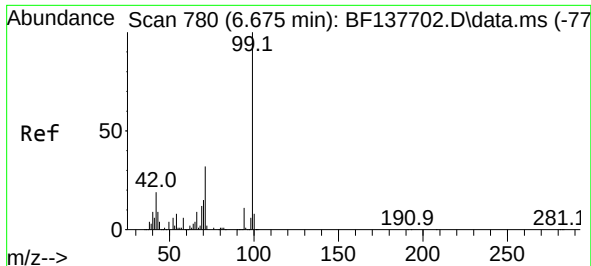
Tgt Ion:152 Resp: 295991
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.2 186.4
 115 59.6 50.8 76.2



#5
 2-Fluorophenol
 Concen: 120.321 ng
 RT: 5.699 min Scan# 614
 Delta R.T. 0.018 min
 Lab File: BF137718.D
 Acq: 24 Apr 2024 14:50

Tgt Ion:112 Resp: 2344510
 Ion Ratio Lower Upper
 112 100
 64 56.9 50.1 75.1
 63 29.1 25.2 37.8



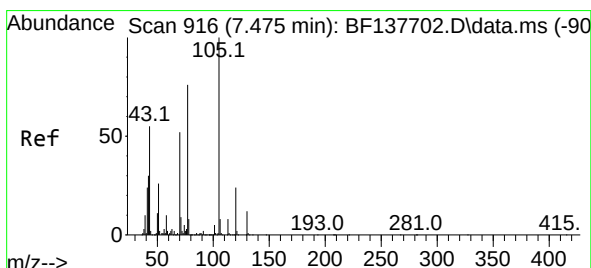
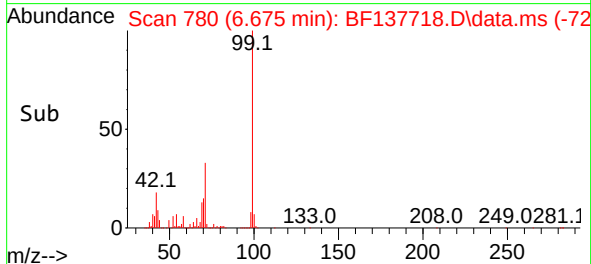
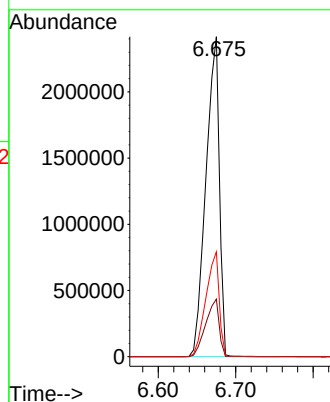
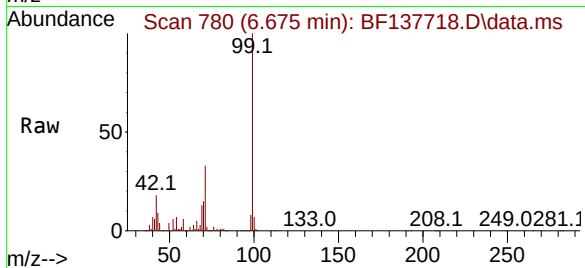


#7
Phenol-d6
Concen: 117.593 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

Instrument :
BNA_F
ClientSampleId :
PB160476BL

Tgt Ion: 99 Resp: 2909759

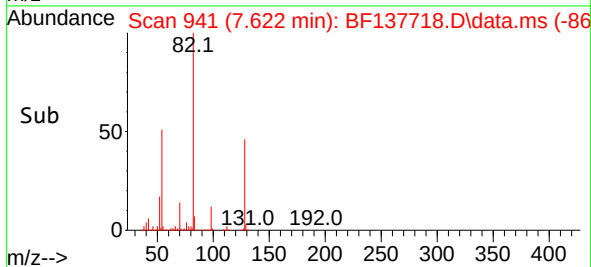
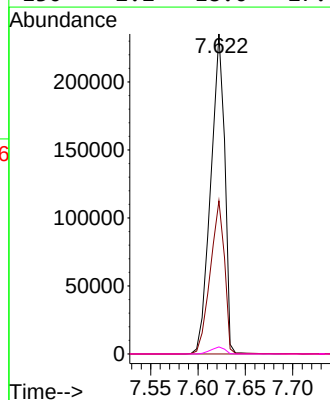
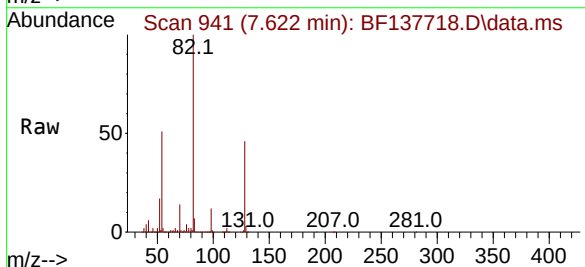
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	32.7	25.7	38.5

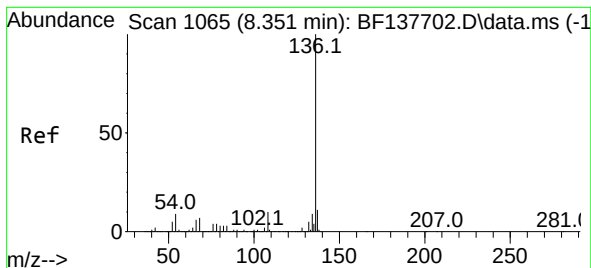


#19
n-Nitroso-di-n-propylamine
Concen: 15.026 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

Tgt Ion: 70 Resp: 240419

Ion	Ratio	Lower	Upper
70	100		
42	47.9	45.9	68.9
101	0.0	8.0	12.0#
130	2.2	18.0	27.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.345 min Scan# 1064

Delta R.T. -0.006 min

Lab File: BF137718.D

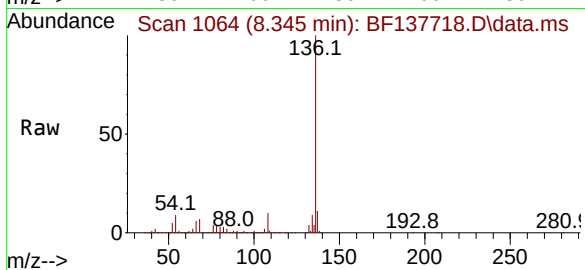
Acq: 24 Apr 2024 14:50

Instrument :

BNA_F

ClientSampleId :

PB160476BL



Tgt Ion:136 Resp: 1157084

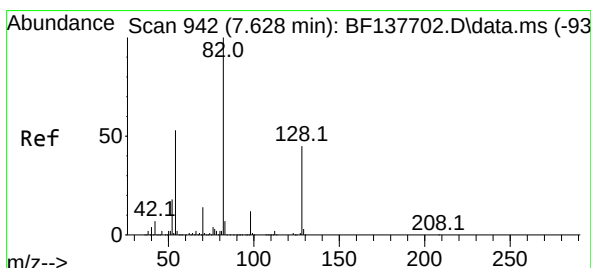
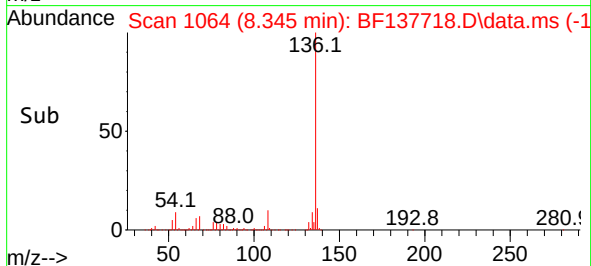
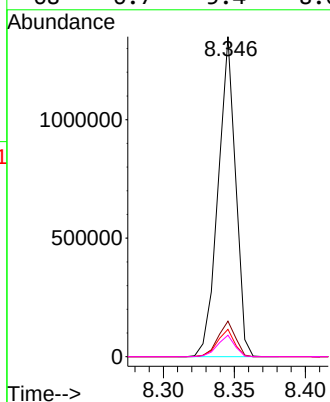
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.5 6.9 10.3

68 6.7 5.4 8.0



#23

Nitrobenzene-d5

Concen: 82.629 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137718.D

Acq: 24 Apr 2024 14:50

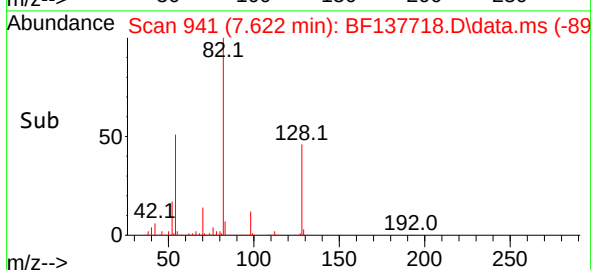
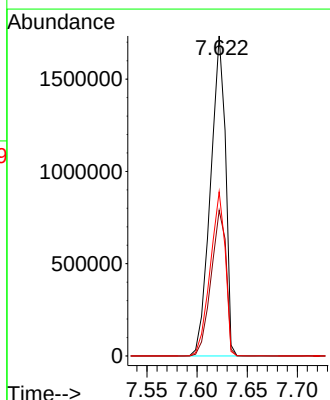
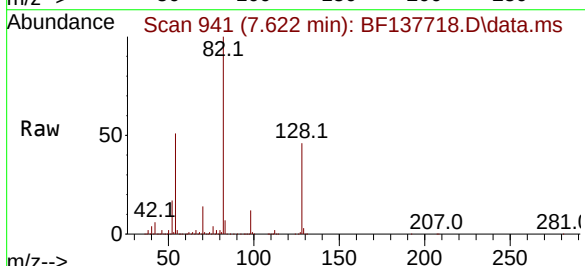
Tgt Ion: 82 Resp: 1801101

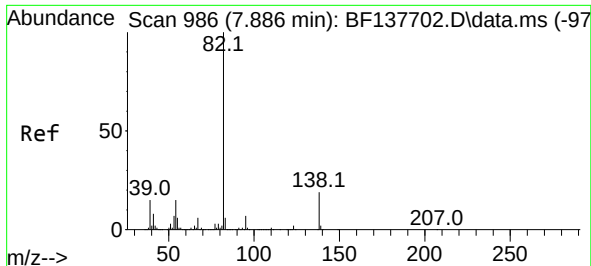
Ion Ratio Lower Upper

82 100

128 45.5 35.8 53.6

54 51.3 42.5 63.7

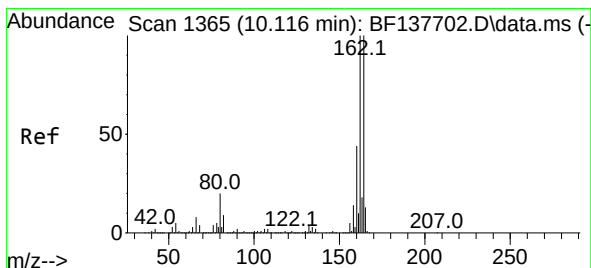
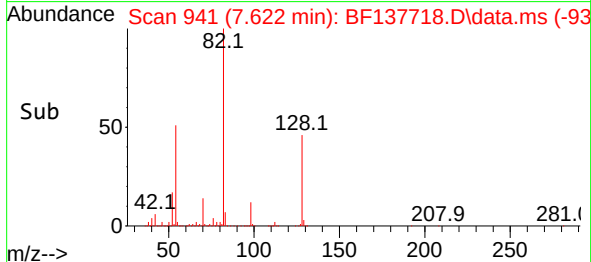
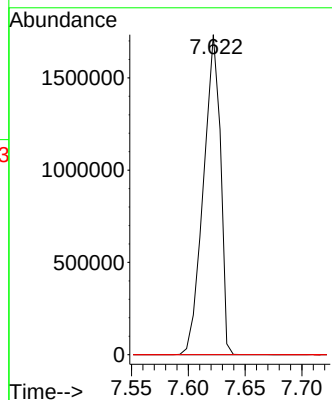
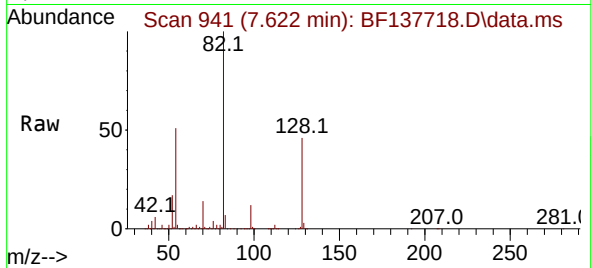




#25
Isophorone
Concen: 44.436 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.264 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

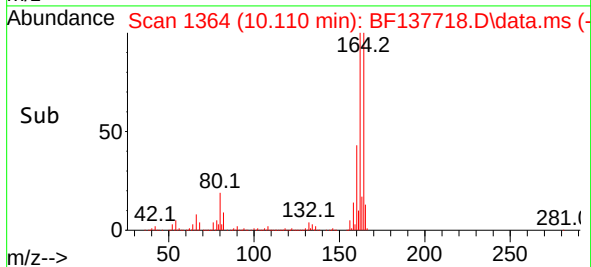
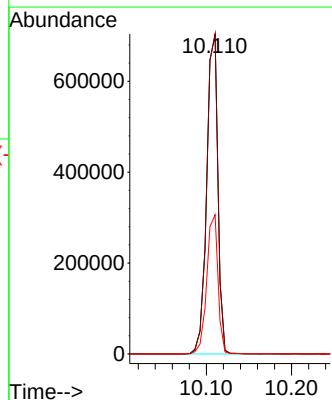
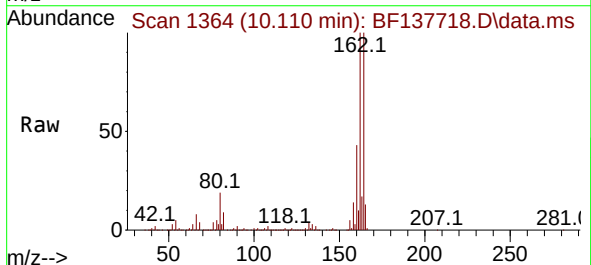
Instrument :
BNA_F
ClientSampleId :
PB160476BL

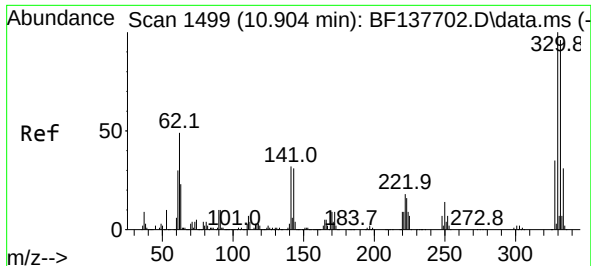
Tgt Ion: 82 Resp: 1798923
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

Tgt Ion:164 Resp: 640160
Ion Ratio Lower Upper
164 100
162 100.3 80.3 120.5
160 43.6 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 122.565 ng

RT: 10.904 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF137718.D

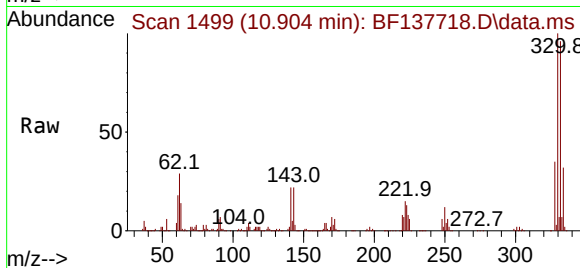
Acq: 24 Apr 2024 14:50

Instrument :

BNA_F

ClientSampleId :

PB160476BL



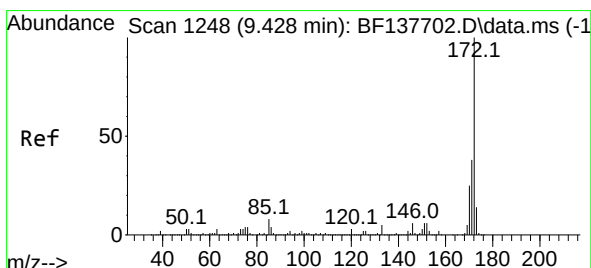
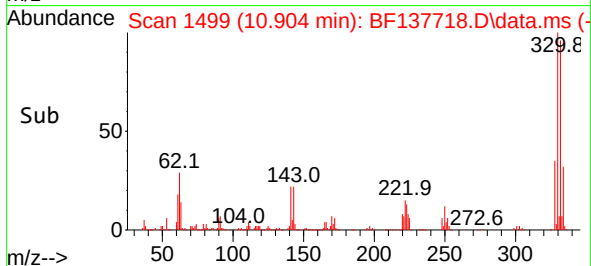
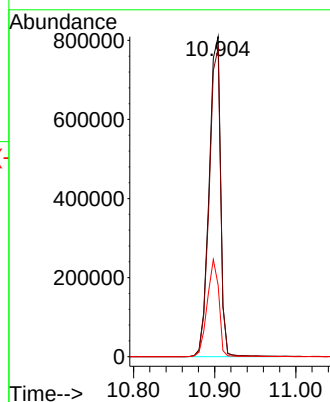
Tgt Ion:330 Resp: 791735

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 30.9 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 79.987 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137718.D

Acq: 24 Apr 2024 14:50

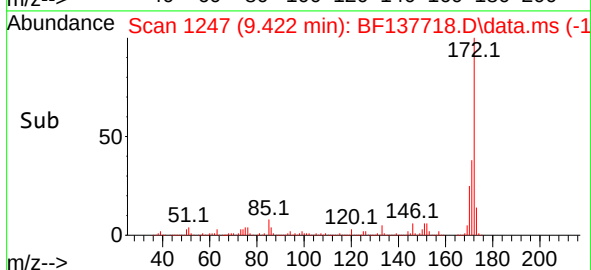
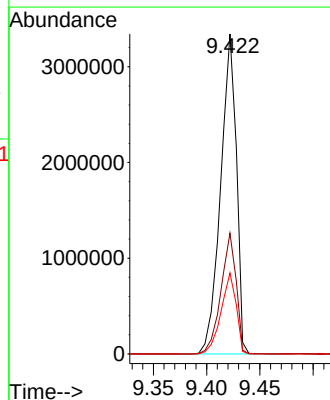
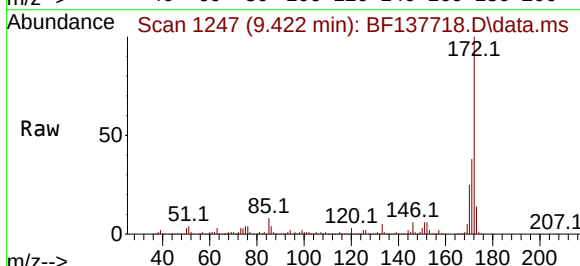
Tgt Ion:172 Resp: 3426849

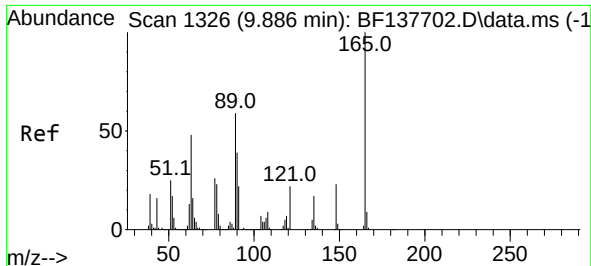
Ion Ratio Lower Upper

172 100

171 37.7 30.2 45.4

170 25.3 20.2 30.4

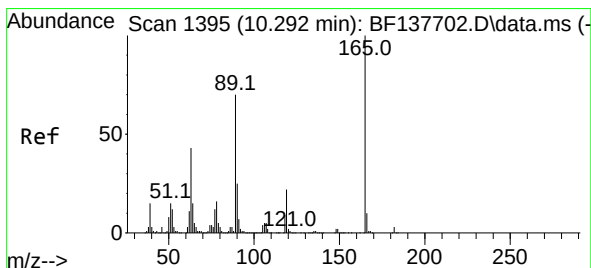
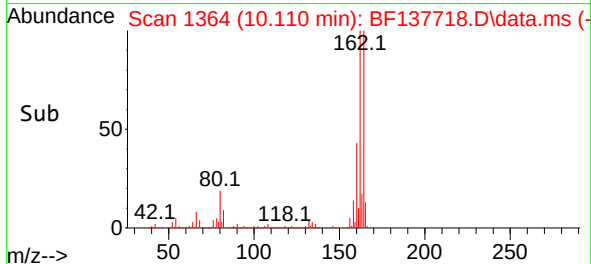
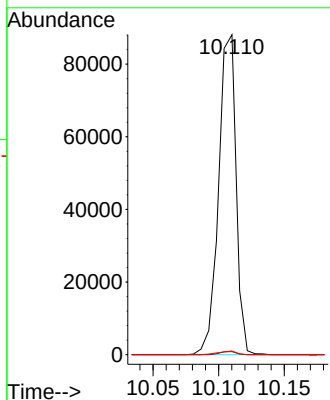
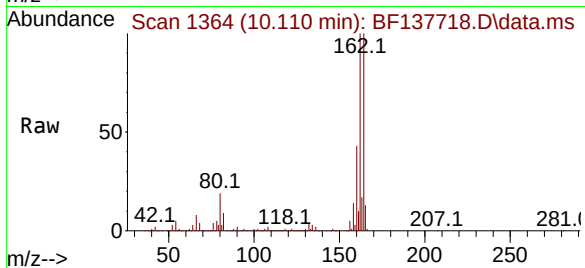




#51
2,6-Dinitrotoluene
Concen: 8.691 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.224 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

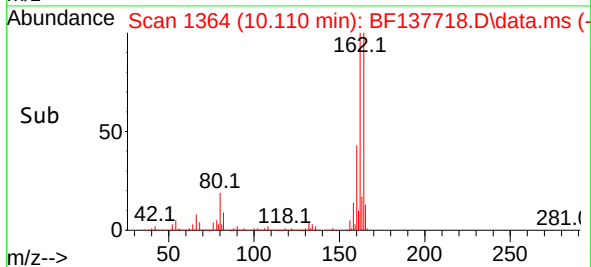
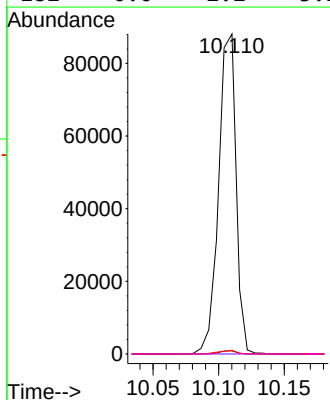
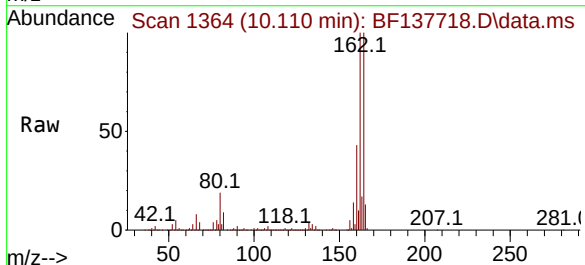
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PB160476BL

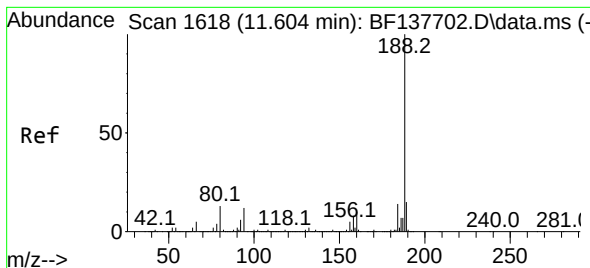
Tgt Ion:165 Resp: 81672
Ion Ratio Lower Upper
165 100
63 0.9 47.7 71.5#
89 1.1 47.3 70.9#



#57
2,4-Dinitrotoluene
Concen: 6.894 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.182 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

Tgt Ion:165 Resp: 81672
Ion Ratio Lower Upper
165 100
63 0.9 34.1 51.1#
89 1.1 56.4 84.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137718.D

Acq: 24 Apr 2024 14:50

Instrument :

BNA_F

ClientSampleId :

PB160476BL

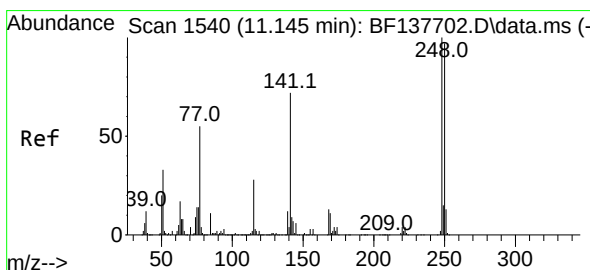
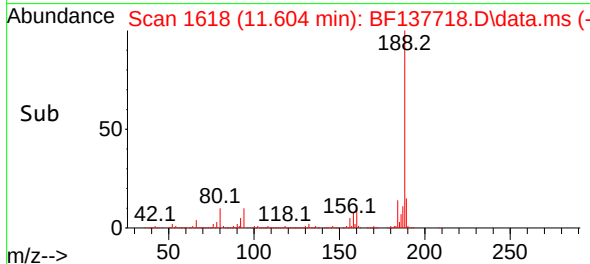
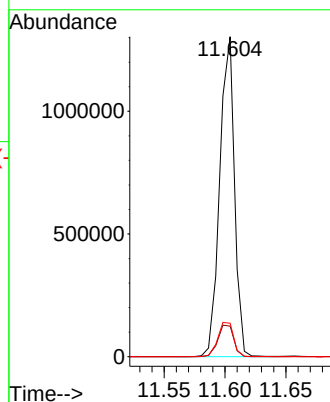
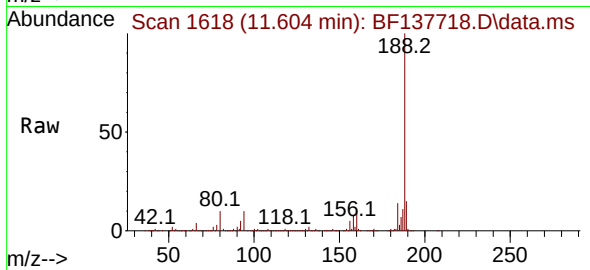
Tgt Ion:188 Resp: 1101802

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

80 10.4 10.2 15.4



#67

4-Bromophenyl-phenylether

Concen: 4.256 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.247 min

Lab File: BF137718.D

Acq: 24 Apr 2024 14:50

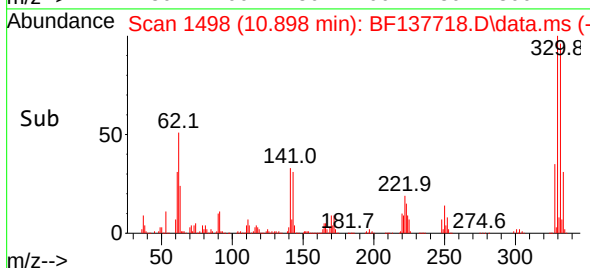
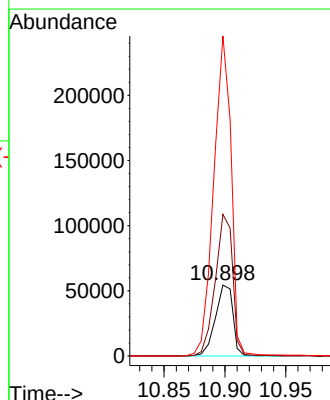
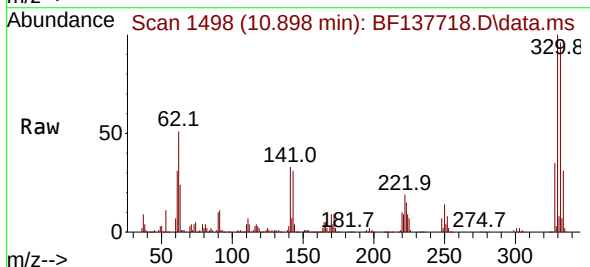
Tgt Ion:248 Resp: 54337

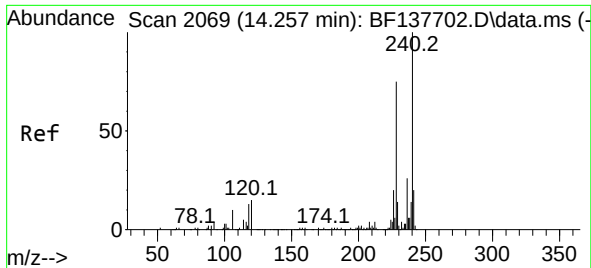
Ion Ratio Lower Upper

248 100

250 199.6 77.4 116.0#

141 451.3 57.9 86.9#

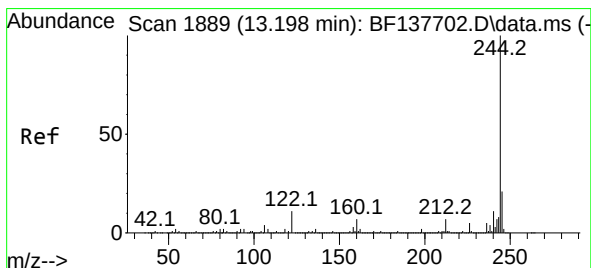
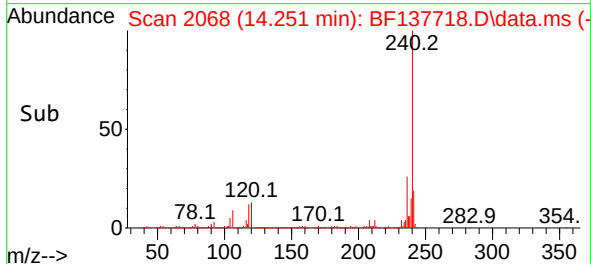
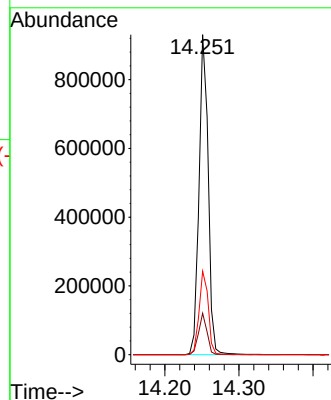
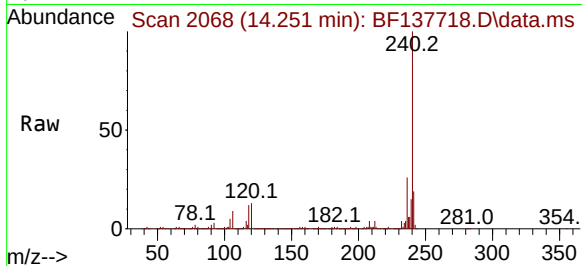




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

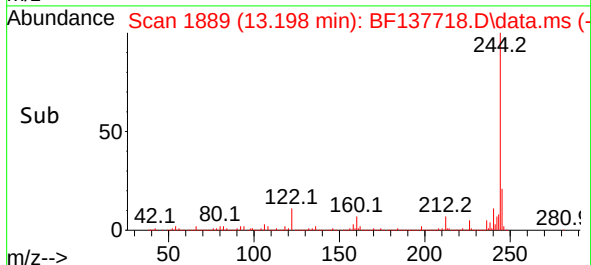
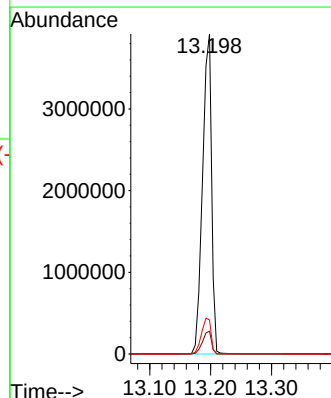
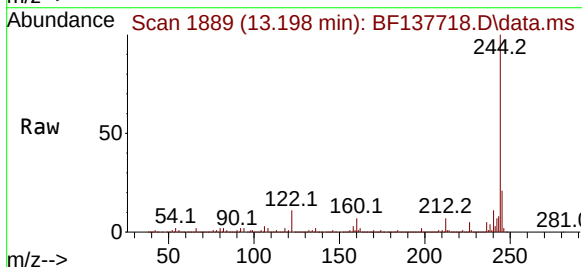
Instrument :
BNA_F
ClientSampleId :
PB160476BL

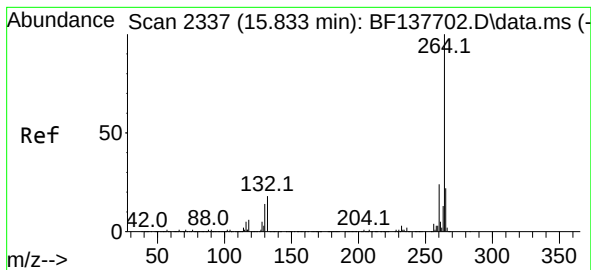
Tgt Ion:240 Resp: 796589
Ion Ratio Lower Upper
240 100
120 13.0 11.9 17.9
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 81.644 ng
RT: 13.198 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

Tgt Ion:244 Resp: 4040641
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 10.7 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137718.D

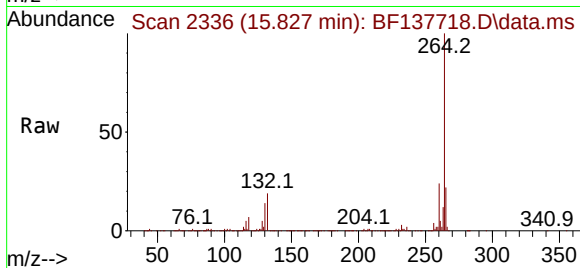
Acq: 24 Apr 2024 14:50

Instrument :

BNA_F

ClientSampleId :

PB160476BL



Tgt Ion:264 Resp: 600891

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 22.3 17.5 26.3

