

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042324\
 Data File : BF137707.D
 Acq On : 23 Apr 2024 22:34
 Operator : CG\JU
 Sample : PB160393BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160393BL

Quant Time: Apr 24 04:20:26 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)

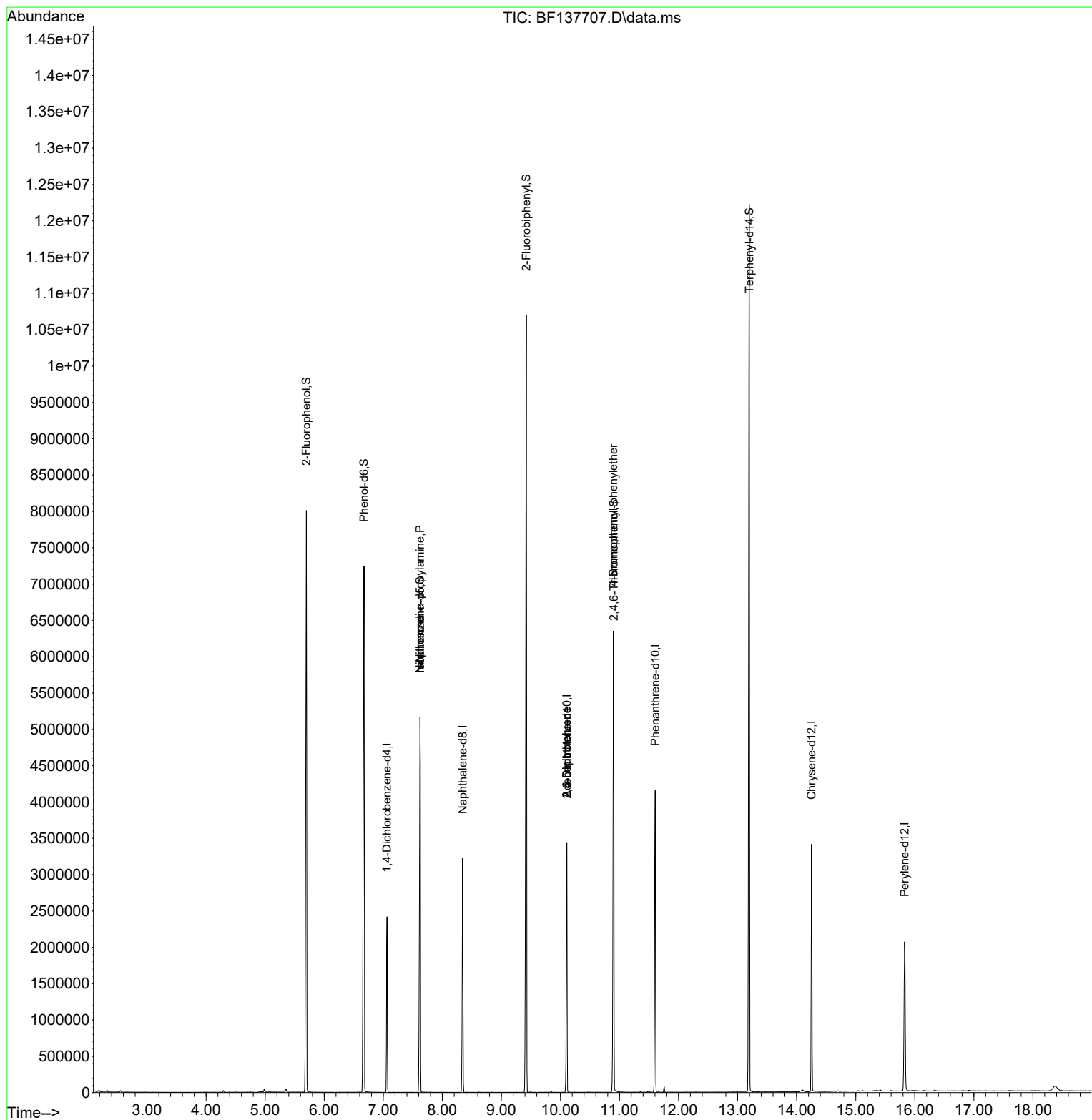
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	343111	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1379635	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	790124	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1415609	20.000	ng	0.00
76) Chrysene-d12	14.251	240	1107054	20.000	ng	0.00
86) Perylene-d12	15.827	264	999471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	2568172	113.699	ng	0.02
7) Phenol-d6	6.675	99	3191403	111.263	ng	0.00
23) Nitrobenzene-d5	7.622	82	2029352	78.082	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	930000	116.644	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3821196	72.263	ng	0.00
79) Terphenyl-d14	13.198	244	4634734	67.385	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.622	70	273821	14.763	ng	Qvalue # 78
25) Isophorone	7.622	82	2027575	42.005	ng	# 64
51) 2,6-Dinitrotoluene	10.110	165	103646	8.936	ng	# 22
57) 2,4-Dinitrotoluene	10.110	165	103646	7.088	ng	# 24
67) 4-Bromophenyl-phenylether	10.898	248	64538	3.934	ng	# 1

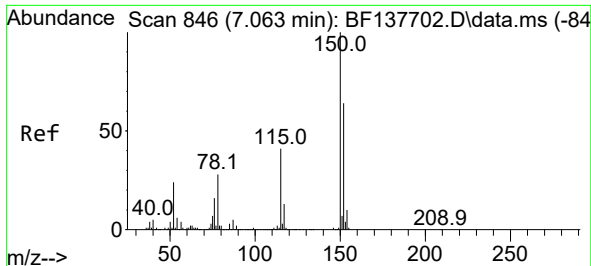
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042324\
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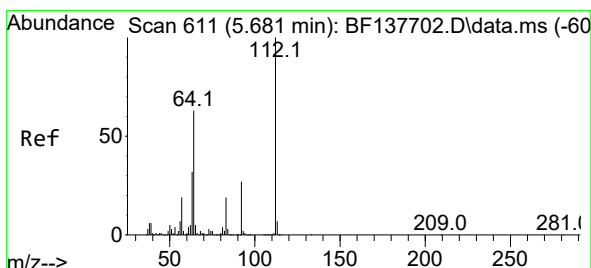
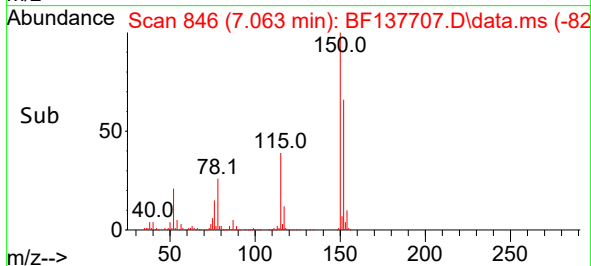
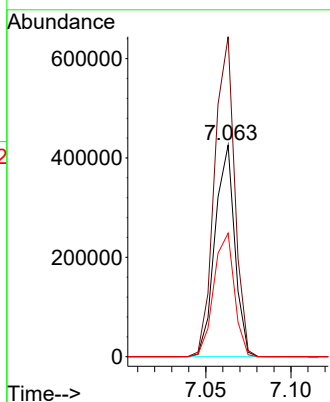
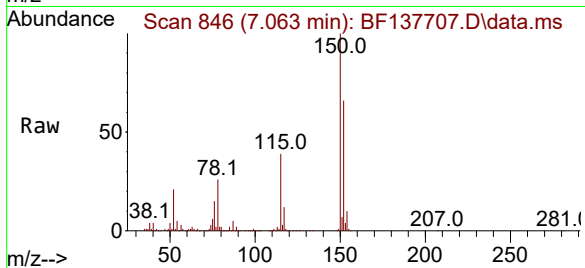




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.063 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: BF137707.D
 Acq: 23 Apr 2024 22:34

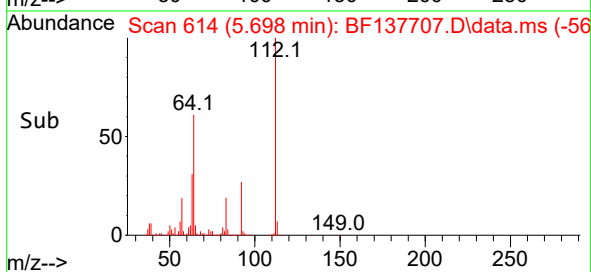
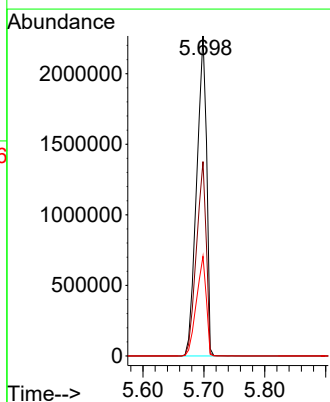
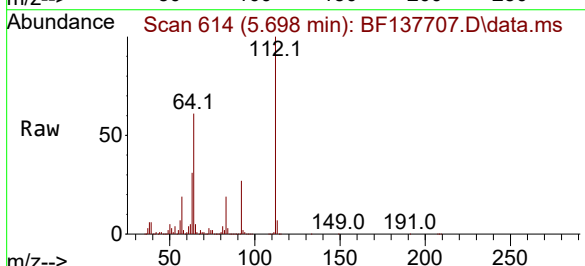
Instrument :
 BNA_F
 ClientSampleId :
 PB160393BL

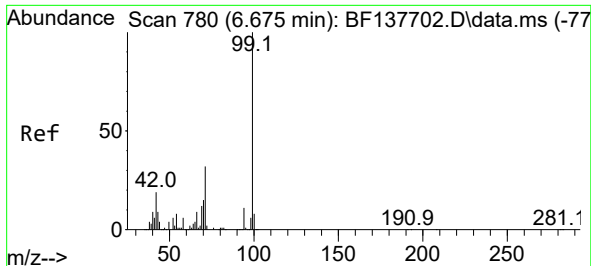
Tgt Ion:152 Resp: 343111
 Ion Ratio Lower Upper
 152 100
 150 151.3 124.2 186.4
 115 58.4 50.8 76.2



#5
 2-Fluorophenol
 Concen: 113.699 ng
 RT: 5.698 min Scan# 614
 Delta R.T. 0.018 min
 Lab File: BF137707.D
 Acq: 23 Apr 2024 22:34

Tgt Ion:112 Resp: 2568172
 Ion Ratio Lower Upper
 112 100
 64 60.8 50.1 75.1
 63 31.2 25.2 37.8

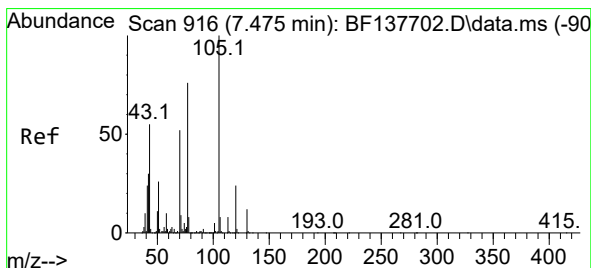
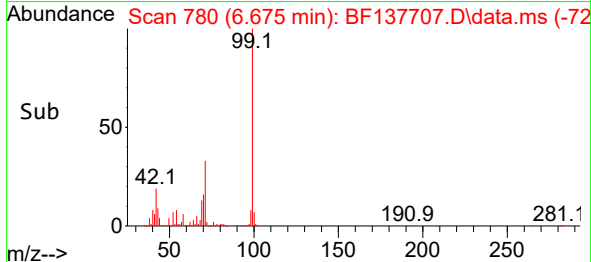
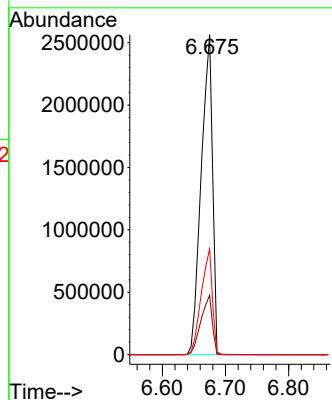
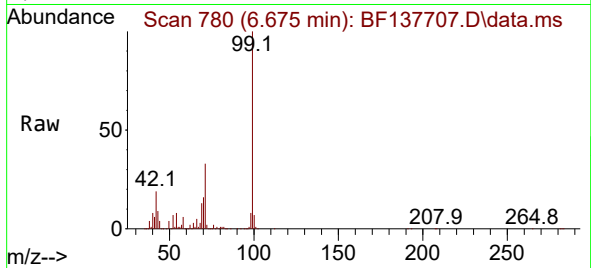




#7
Phenol-d6
Concen: 111.263 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137707.D
Acq: 23 Apr 2024 22:34

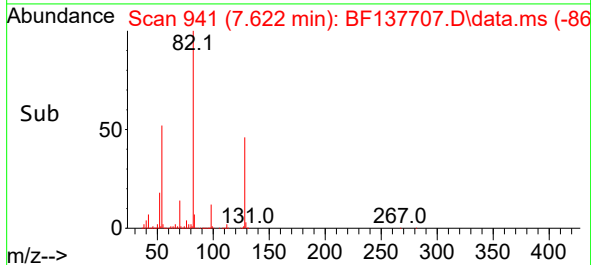
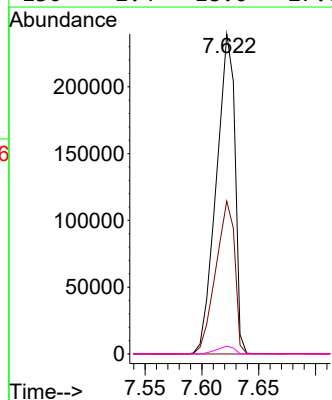
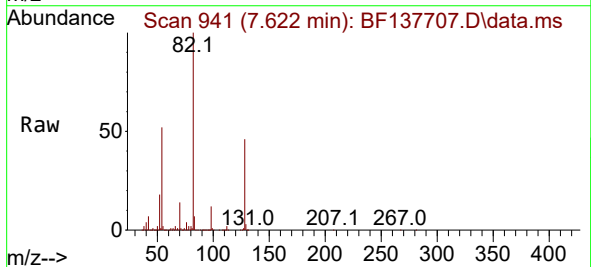
Instrument :
BNA_F
ClientSampleId :
PB160393BL

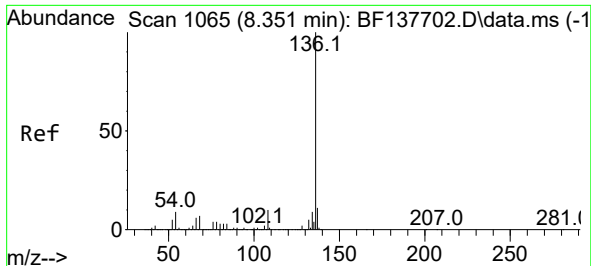
Tgt Ion: 99 Resp: 3191403
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 33.0 25.7 38.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.763 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137707.D
Acq: 23 Apr 2024 22:34

Tgt Ion: 70 Resp: 273821
Ion Ratio Lower Upper
70 100
42 47.7 45.9 68.9
101 0.0 8.0 12.0#
130 2.4 18.0 27.0#

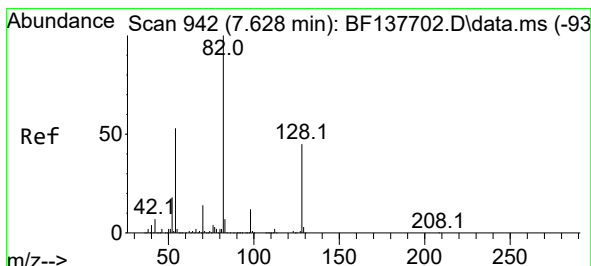
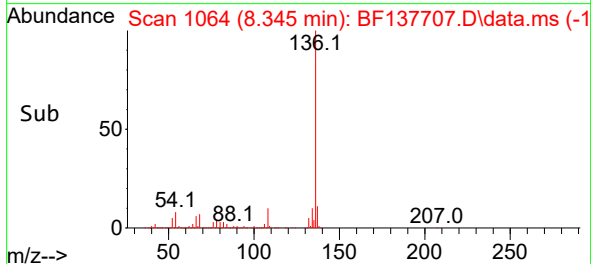
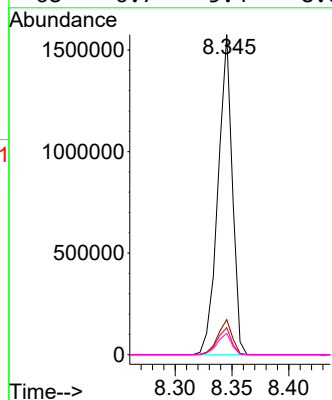
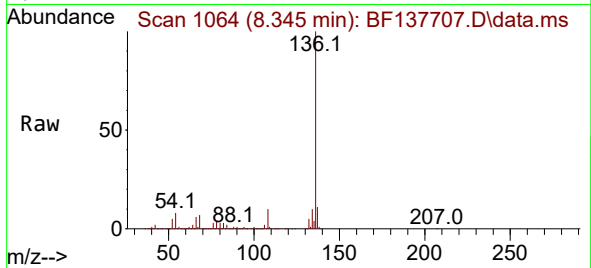




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137707.D
Acq: 23 Apr 2024 22:34

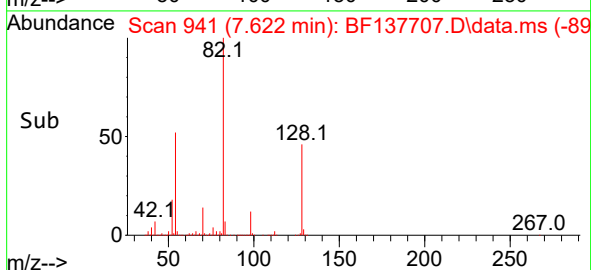
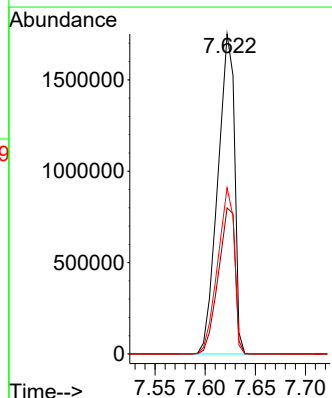
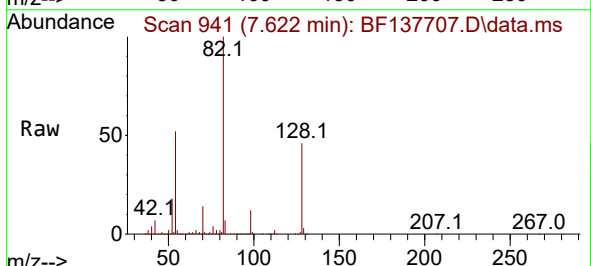
Instrument :
BNA_F
ClientSampleId :
PB160393BL

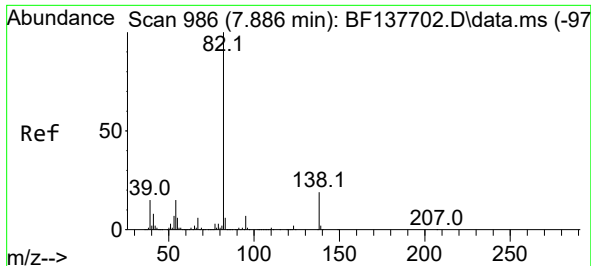
Tgt Ion:136 Resp: 1379635
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 6.9 10.3
68 6.7 5.4 8.0



#23
Nitrobenzene-d5
Concen: 78.082 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137707.D
Acq: 23 Apr 2024 22:34

Tgt Ion: 82 Resp: 2029352
Ion Ratio Lower Upper
82 100
128 45.6 35.8 53.6
54 51.9 42.5 63.7

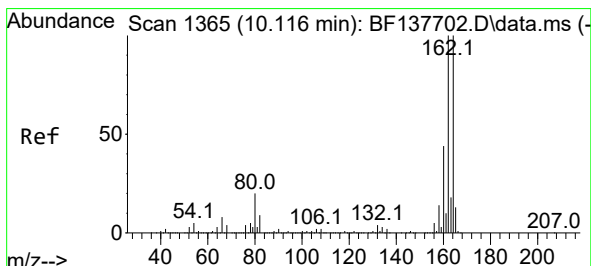
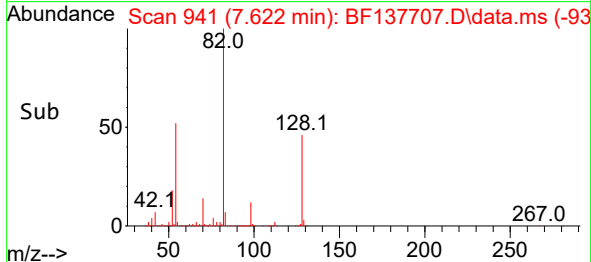
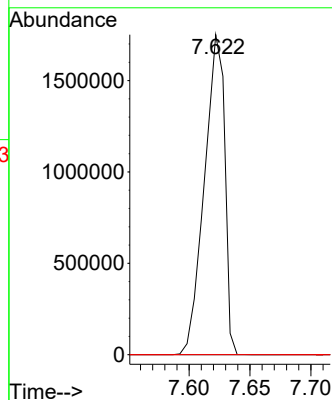
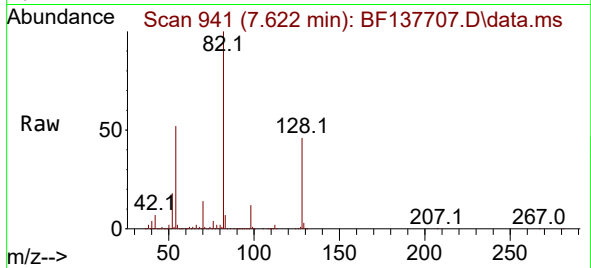




#25
Isophorone
Concen: 42.005 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137707.D
Acq: 23 Apr 2024 22:34

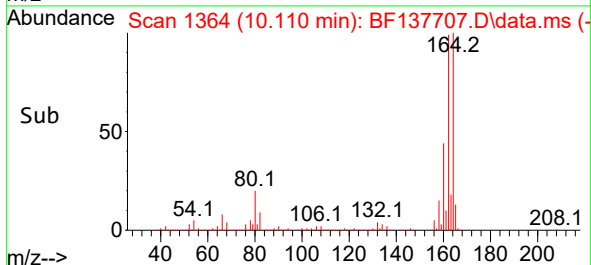
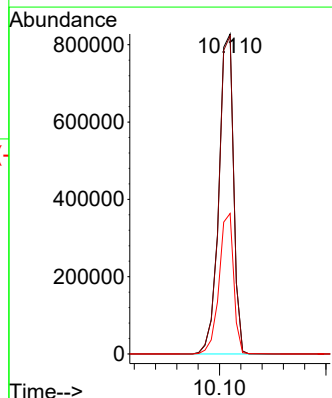
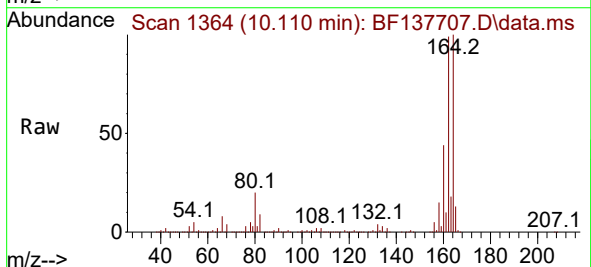
Instrument :
BNA_F
ClientSampleId :
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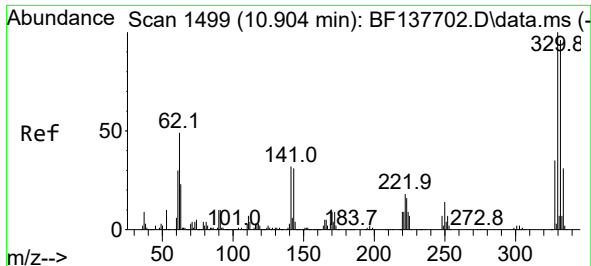
Tgt Ion: 82 Resp: 2027575
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF137707.D
Acq: 23 Apr 2024 22:34

Tgt Ion:164 Resp: 790124
Ion Ratio Lower Upper
164 100
162 99.4 80.3 120.5
160 43.9 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 116.644 ng

RT: 10.904 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF137707.D

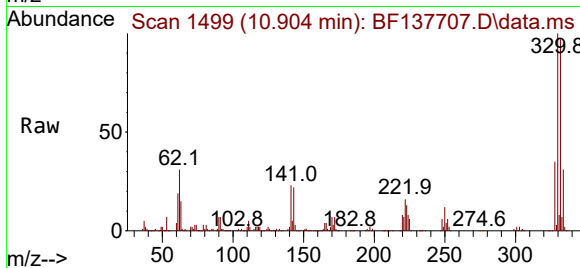
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Instrument :

BNA_F

ClientSampleId :

PB160393BL



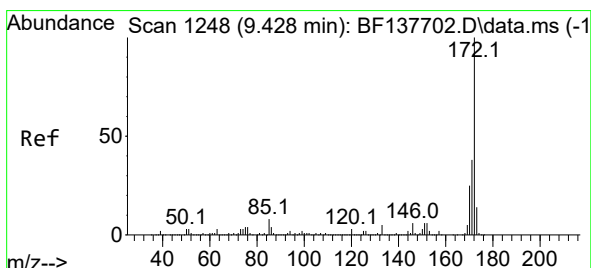
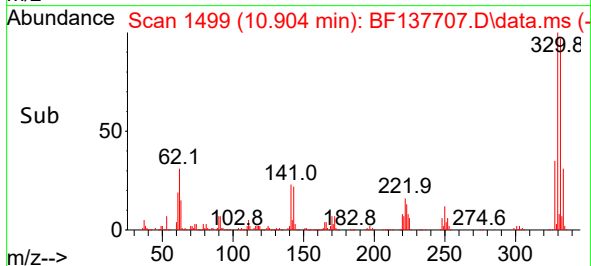
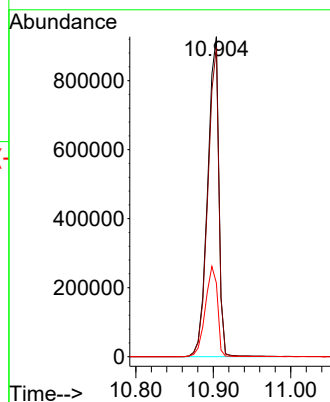
Tgt Ion:330 Resp: 930000

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

141 30.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 72.263 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137707.D

Acq: 23 Apr 2024 22:34

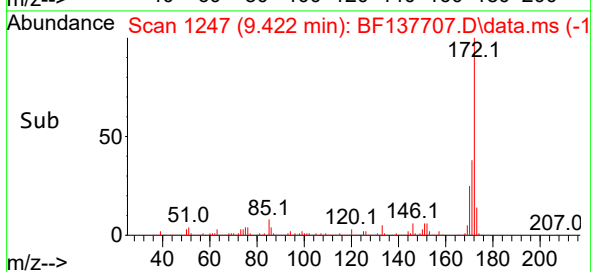
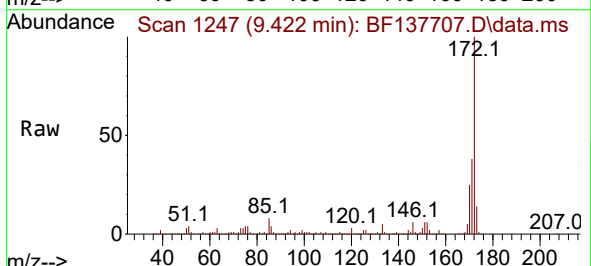
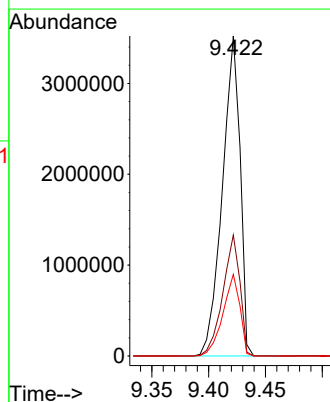
Tgt Ion:172 Resp: 3821196

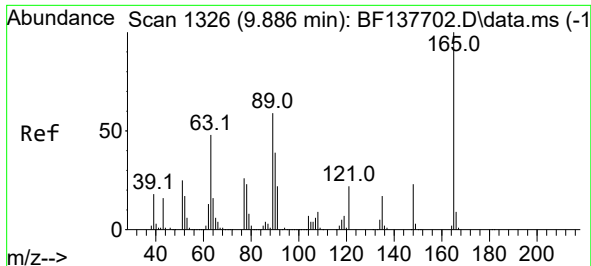
Ion Ratio Lower Upper

172 100

171 37.8 30.2 45.4

170 25.5 20.2 30.4

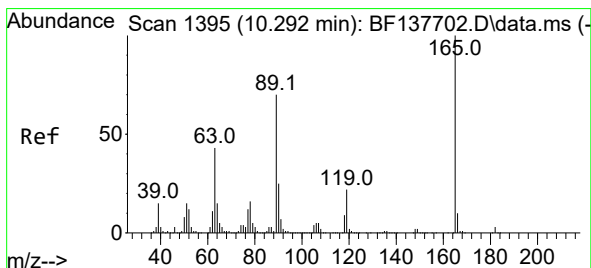
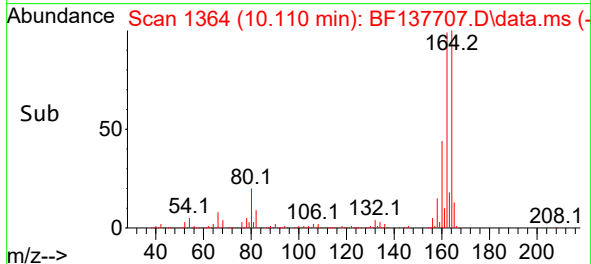
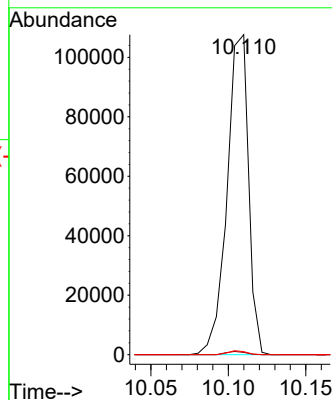
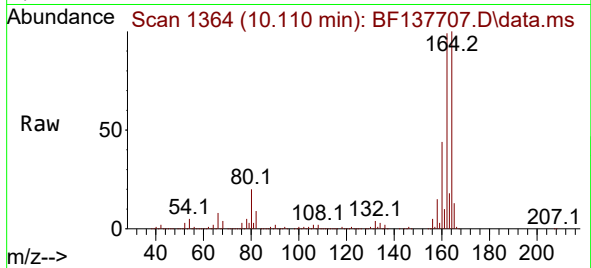




#51
2,6-Dinitrotoluene
Concen: 8.936 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.224 min
Lab File: BF137707.D
Acq: 23 Apr 2024 22:34

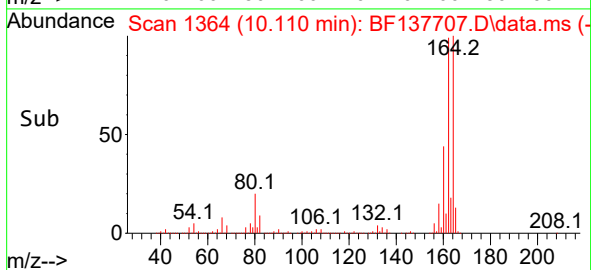
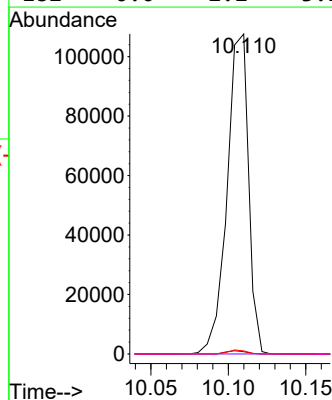
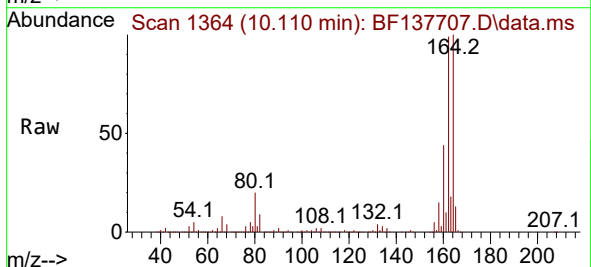
Instrument :
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PB160393BL

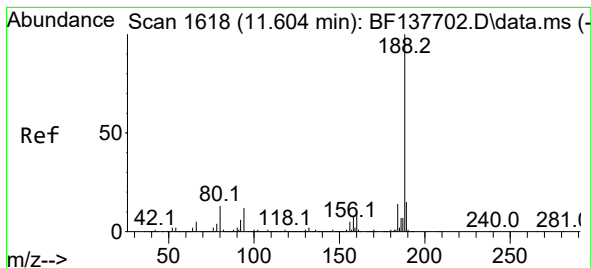
Tgt Ion:165 Resp: 103646
Ion Ratio Lower Upper
165 100
63 0.7 47.7 71.5#
89 1.0 47.3 70.9#



#57
2,4-Dinitrotoluene
Concen: 7.088 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.182 min
Lab File: BF137707.D
Acq: 23 Apr 2024 22:34

Tgt Ion:165 Resp: 103646
Ion Ratio Lower Upper
165 100
63 0.7 34.1 51.1#
89 1.0 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: BF137707.D

Acq: 23 Apr 2024 22:34

Instrument :

BNA_F

ClientSampleId :

PB160393BL

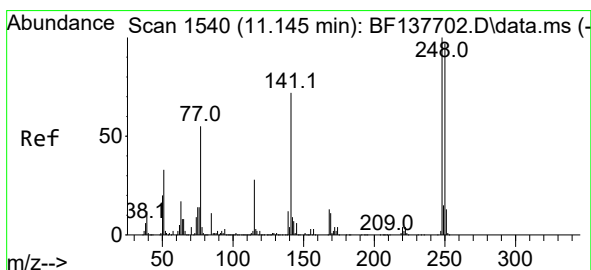
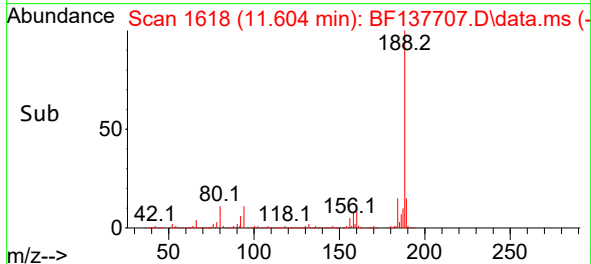
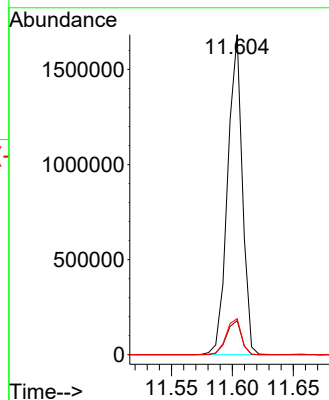
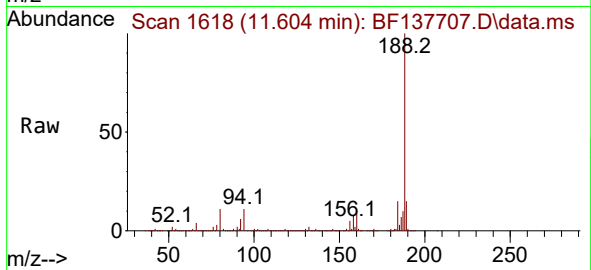
Tgt Ion:188 Resp: 1415609

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

80 11.2 10.2 15.4



#67

4-Bromophenyl-phenylether

Concen: 3.934 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.247 min

Lab File: BF137707.D

Acq: 23 Apr 2024 22:34

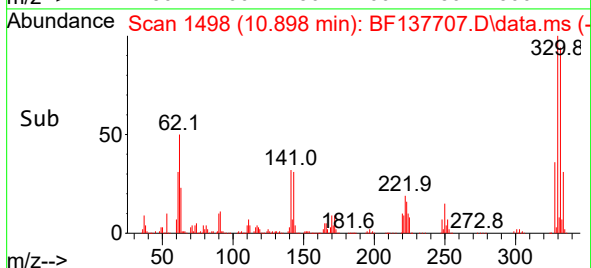
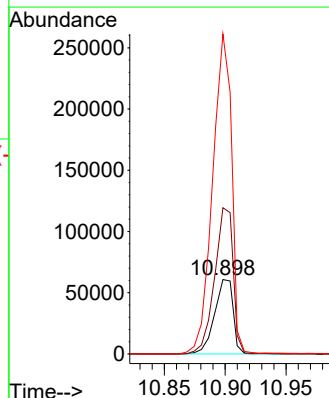
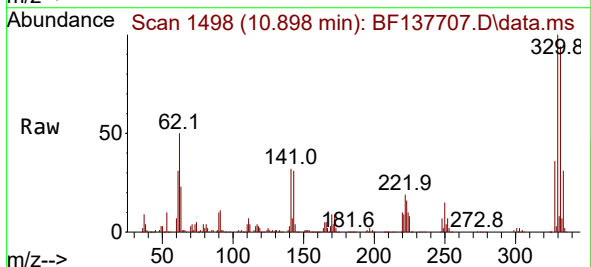
Tgt Ion:248 Resp: 64538

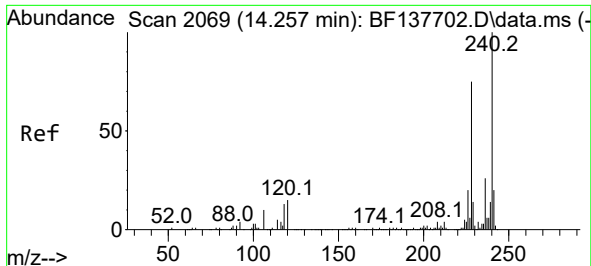
Ion Ratio Lower Upper

248 100

250 196.6 77.4 116.0#

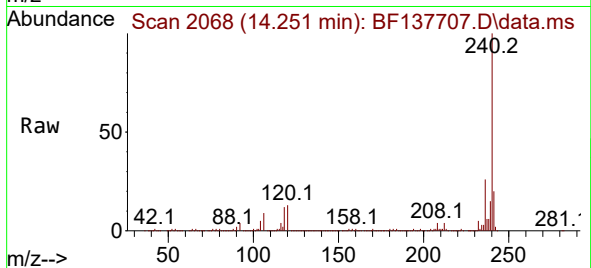
141 430.3 57.9 86.9#



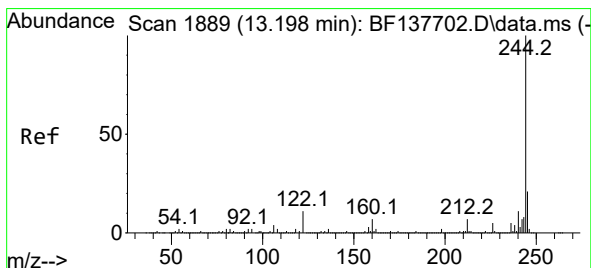
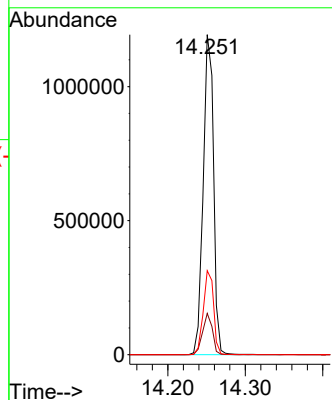
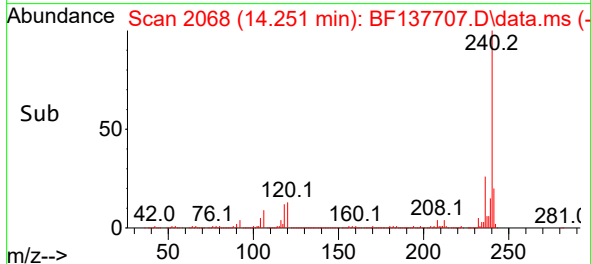


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137707.D
Acq: 23 Apr 2024 22:34

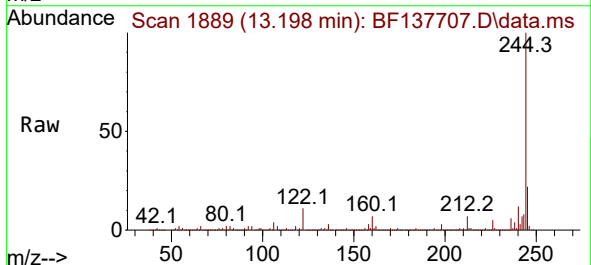
Instrument :
BNA_F
ClientSampleId :
PB160393BL



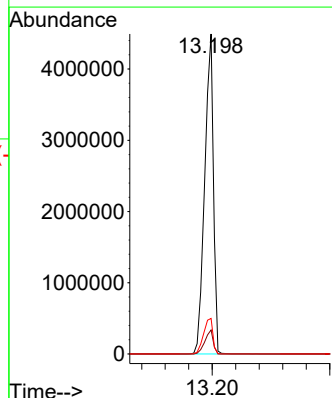
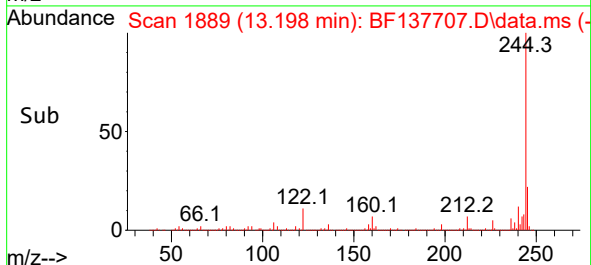
Tgt Ion:240 Resp: 1107054
Ion Ratio Lower Upper
240 100
120 12.9 11.9 17.9
236 26.3 20.8 31.2

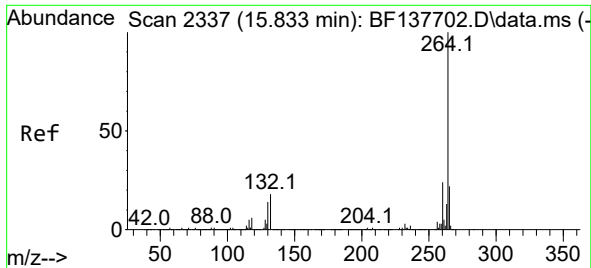


#79
Terphenyl-d14
Concen: 67.385 ng
RT: 13.198 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BF137707.D
Acq: 23 Apr 2024 22:34



Tgt Ion:244 Resp: 4634734
Ion Ratio Lower Upper
244 100
212 7.5 5.5 8.3
122 11.1 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: BF137707.D
Acq: 23 Apr 2024 22:34

Instrument :
BNA_F
ClientSampleId :
PB160393BL

Tgt Ion:264 Resp: 999471
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.2
265 21.6 17.5 26.3

