

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
 Data File : BF137904.D
 Acq On : 13 May 2024 15:53
 Operator : CG\JU
 Sample : P2432-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-04-011

Quant Time: May 13 16:38:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

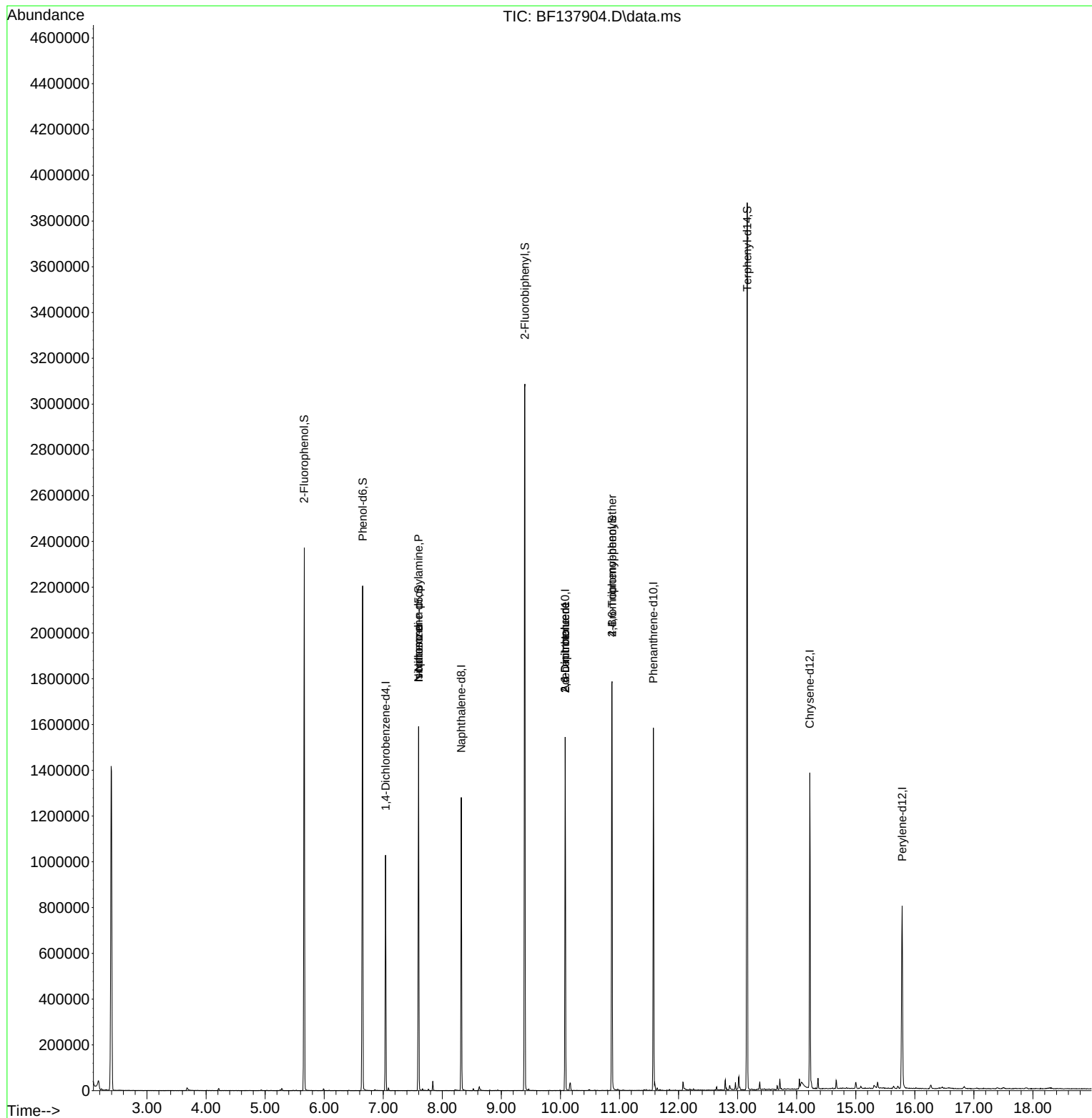
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	135183	20.000	ng	-0.02
21) Naphthalene-d8	8.322	136	523265	20.000	ng	-0.02
39) Acenaphthene-d10	10.080	164	300062	20.000	ng	-0.03
64) Phenanthrene-d10	11.575	188	548298	20.000	ng	-0.02
76) Chrysene-d12	14.221	240	427869	20.000	ng	-0.03
86) Perylene-d12	15.786	264	377732	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	624738	77.376	ng	-0.01
7) Phenol-d6	6.651	99	768475	75.038	ng	-0.02
23) Nitrobenzene-d5	7.598	82	456545	50.690	ng	-0.02
42) 2,4,6-Tribromophenol	10.875	330	238232	77.759	ng	-0.02
45) 2-Fluorobiphenyl	9.398	172	1022716	55.296	ng	-0.02
79) Terphenyl-d14	13.163	244	1317864	51.618	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	59245	9.680	ng	# 77
25) Isophorone	7.598	82	456533	28.114	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	38580	8.912	ng	# 26
57) 2,4-Dinitrotoluene	10.080	165	38580	6.822	ng	# 26
67) 4-Bromophenyl-phenylether	10.875	248	15638	2.665	ng	# 1

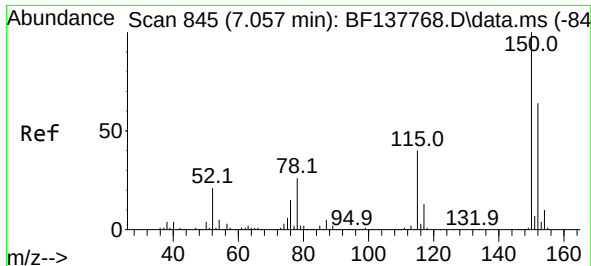
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
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Quant Time: May 13 16:38:12 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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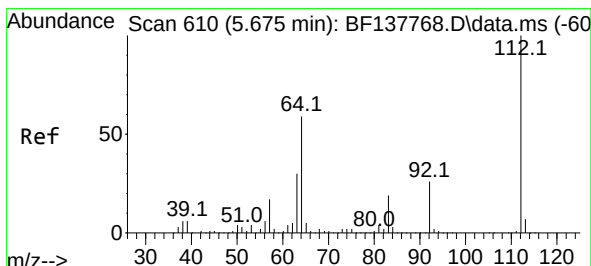
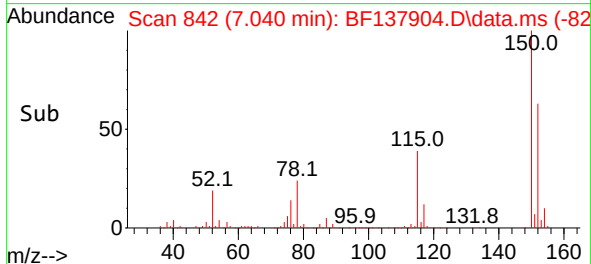
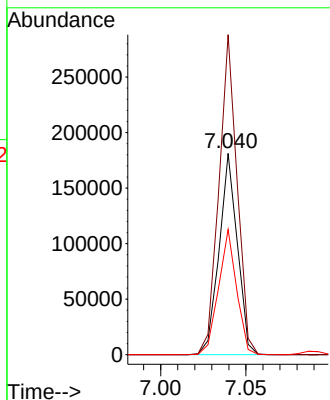
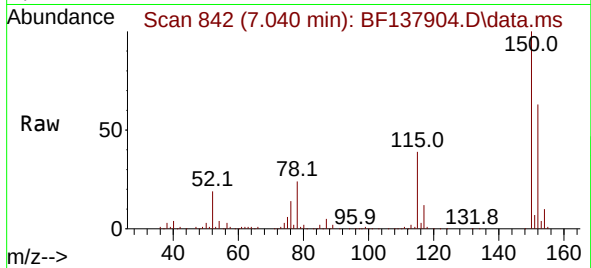




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

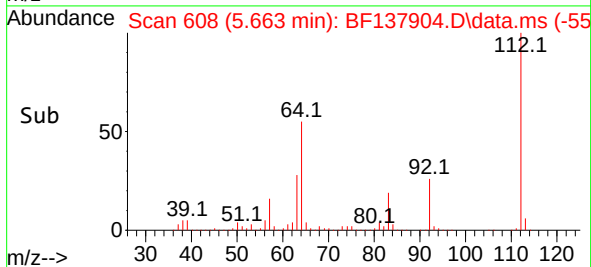
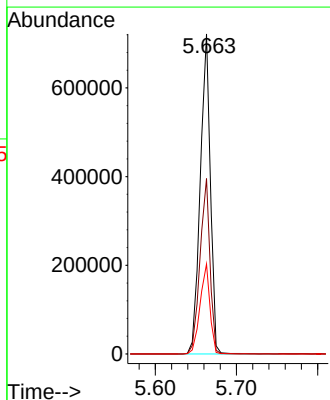
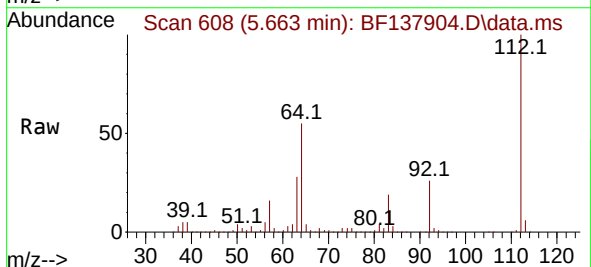
Instrument :
BNA_F
ClientSampleId :
SW-04-011

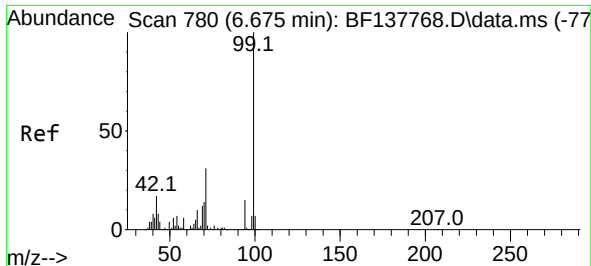
Tgt Ion:152 Resp: 135183
Ion Ratio Lower Upper
152 100
150 158.9 124.1 186.1
115 62.1 49.1 73.7



#5
2-Fluorophenol
Concen: 77.376 ng
RT: 5.663 min Scan# 608
Delta R.T. -0.012 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

Tgt Ion:112 Resp: 624738
Ion Ratio Lower Upper
112 100
64 54.8 47.3 70.9
63 28.1 23.7 35.5

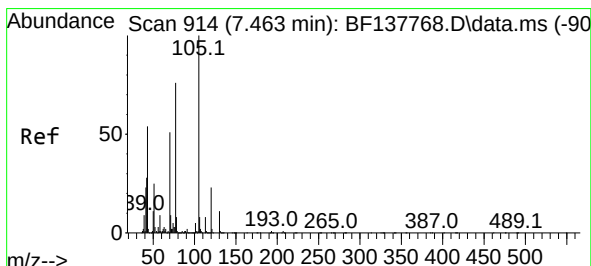
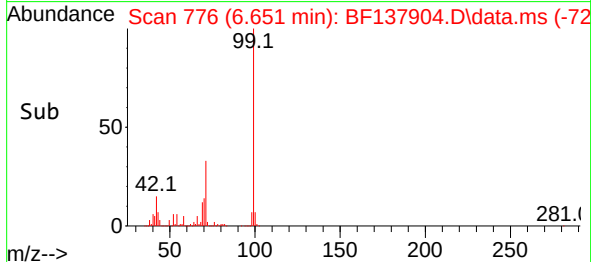
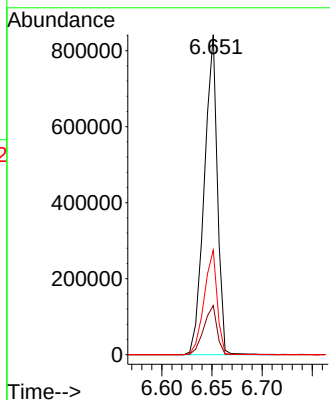
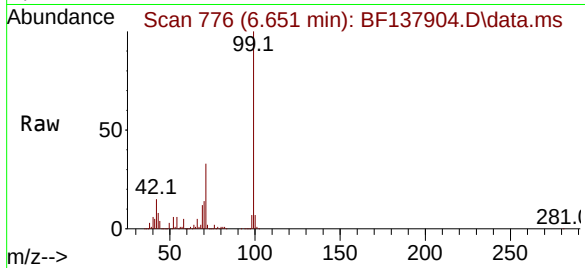




#7
Phenol-d6
Concen: 75.038 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

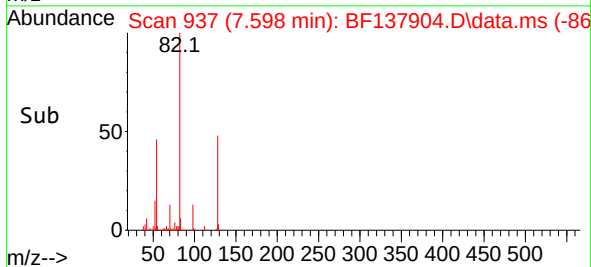
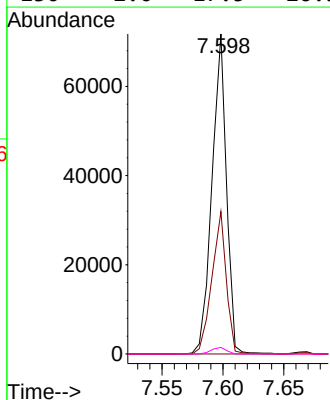
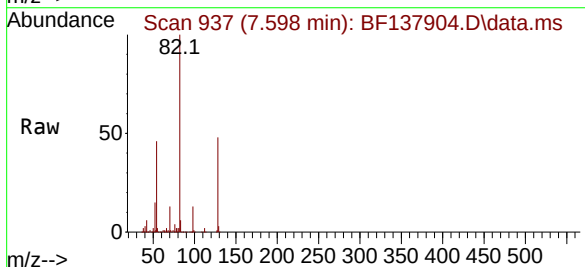
Instrument :
BNA_F
ClientSampleId :
SW-04-011

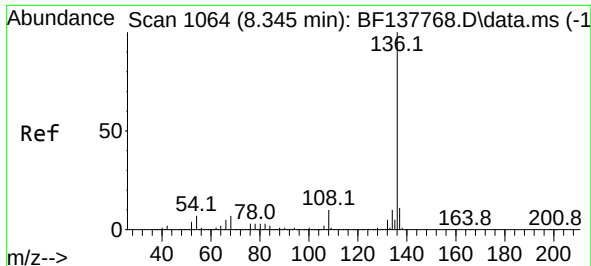
Tgt Ion: 99 Resp: 768475
Ion Ratio Lower Upper
99 100
42 15.3 13.2 19.8
71 32.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.680 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.135 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

Tgt Ion: 70 Resp: 59245
Ion Ratio Lower Upper
70 100
42 44.5 44.6 66.8#
101 0.0 7.8 11.6#
130 2.0 17.5 26.3#

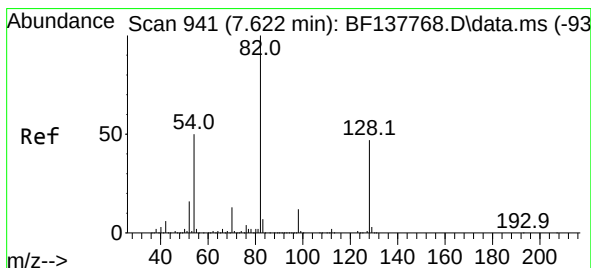
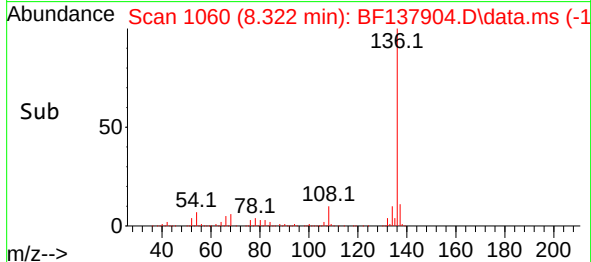
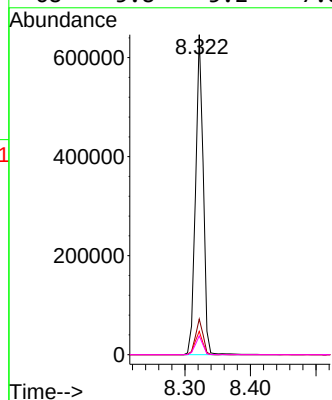
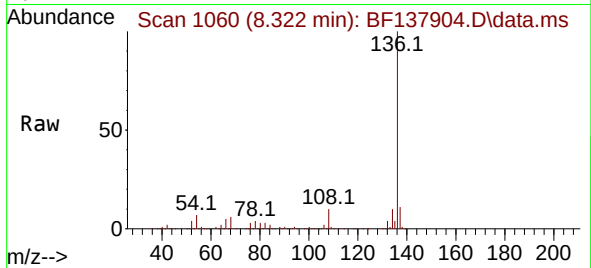




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.024 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

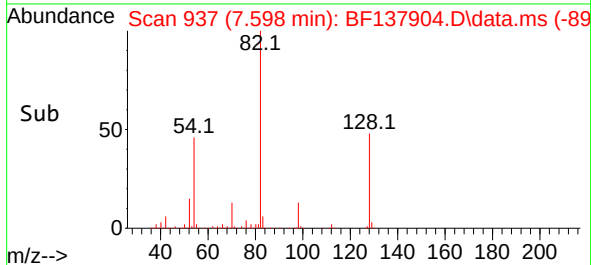
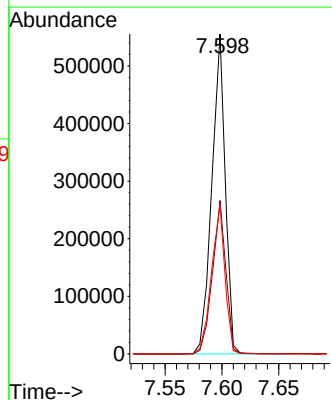
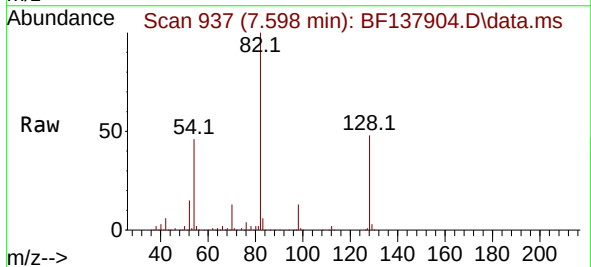
Instrument :
BNA_F
ClientSampleId :
SW-04-011

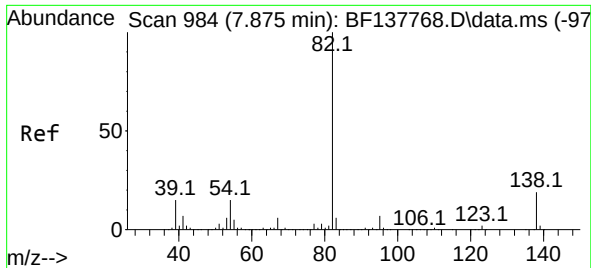
Tgt Ion:136	Resp: 523265
Ion Ratio	Lower Upper
136	100
137	11.2 8.8 13.2
54	7.3 5.8 8.8
68	5.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 50.690 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.024 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

Tgt Ion: 82	Resp: 456545
Ion Ratio	Lower Upper
82	100
128	48.0 37.5 56.3
54	46.5 39.8 59.6

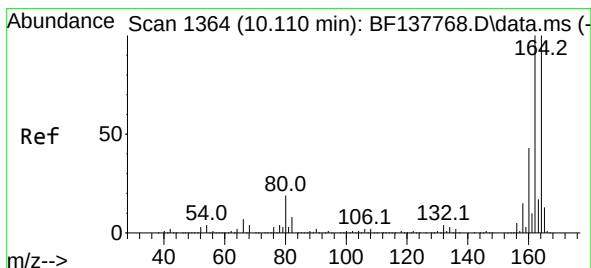
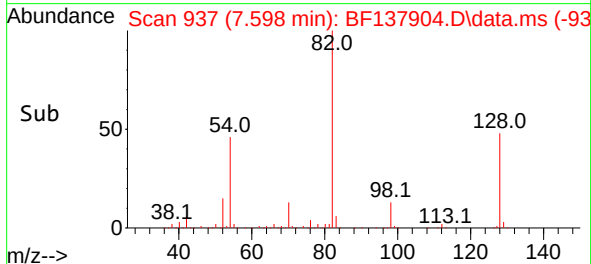
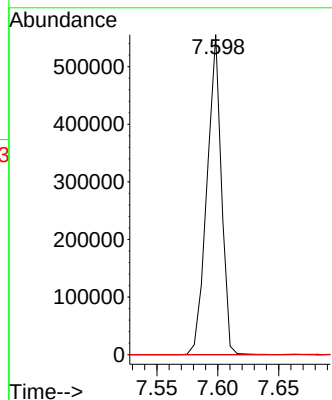
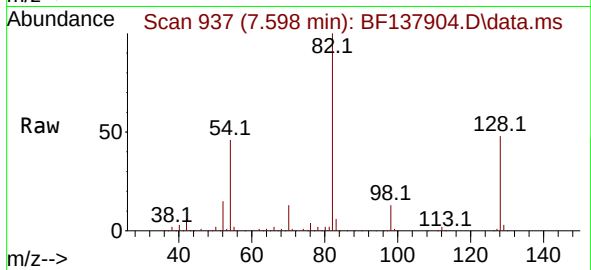




#25
Isophorone
Concen: 28.114 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.276 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

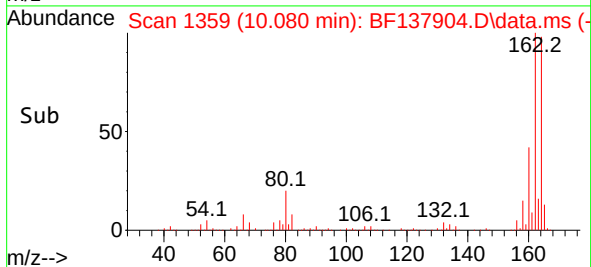
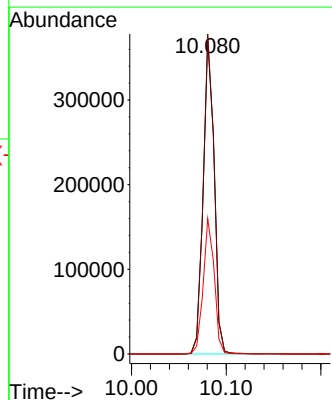
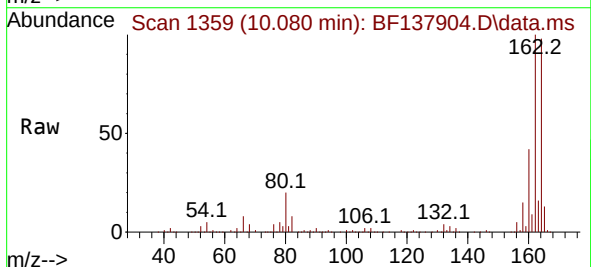
Instrument :
BNA_F
ClientSampleId :
SW-04-011

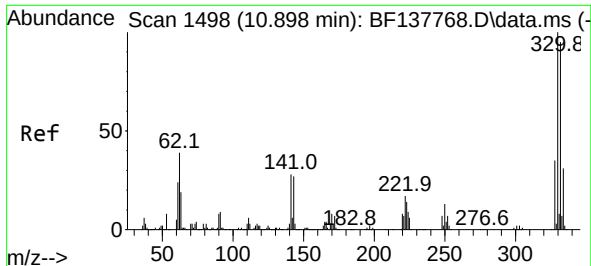
Tgt Ion: 82 Resp: 456533
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.029 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

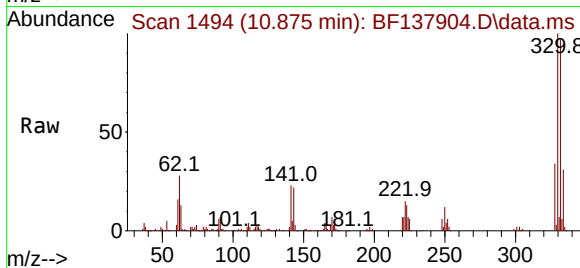
Tgt Ion:164 Resp: 300062
Ion Ratio Lower Upper
164 100
162 102.0 79.8 119.6
160 43.1 34.4 51.6



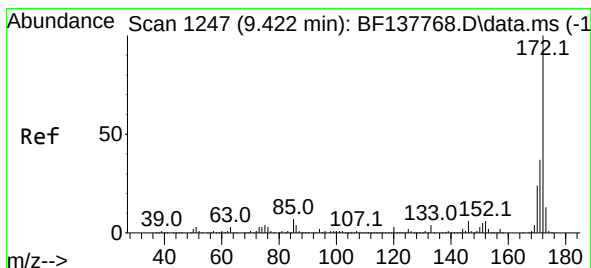
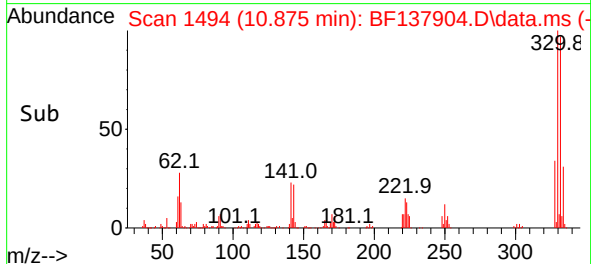
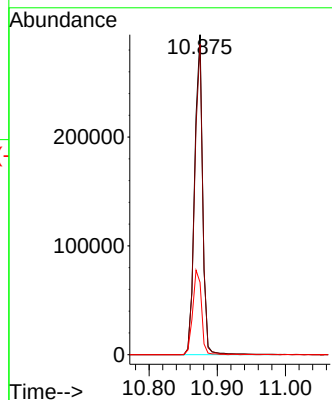


#42
2,4,6-Tribromophenol
Concen: 77.759 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.024 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

Instrument :
BNA_F
ClientSampleId :
SW-04-011

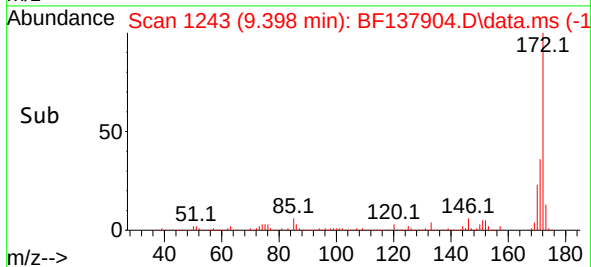
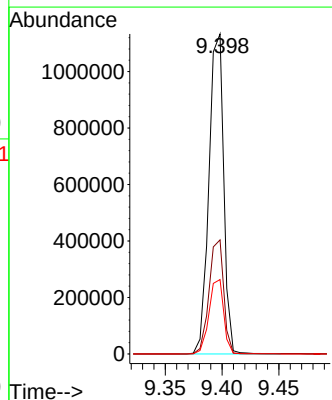
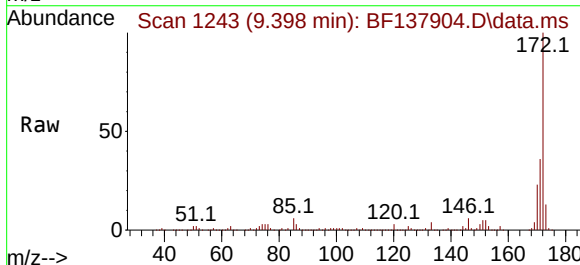


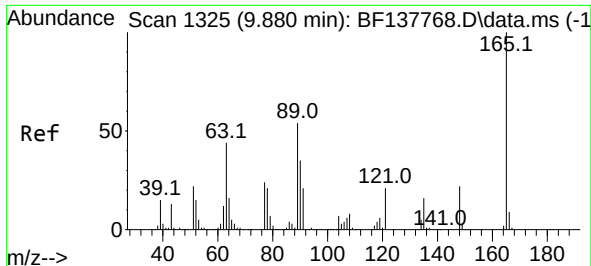
Tgt Ion:330 Resp: 238232
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 28.7 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 55.296 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.024 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

Tgt Ion:172 Resp: 1022716
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.2 19.4 29.2

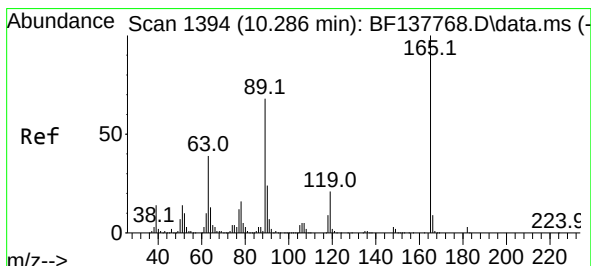
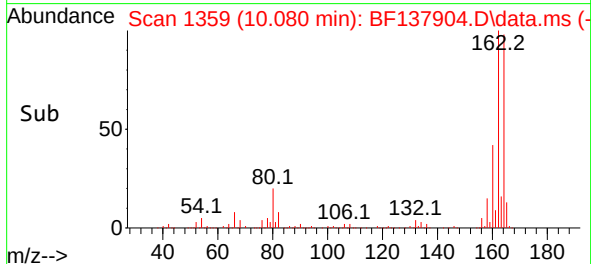
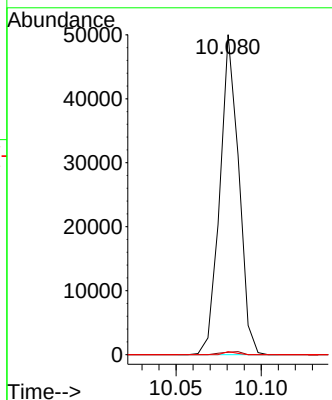
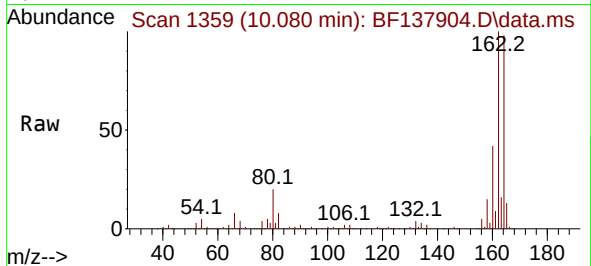




#51
2,6-Dinitrotoluene
Concen: 8.912 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.200 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

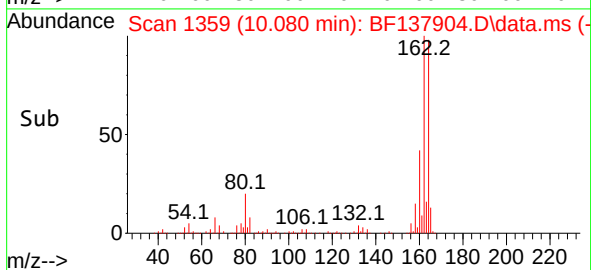
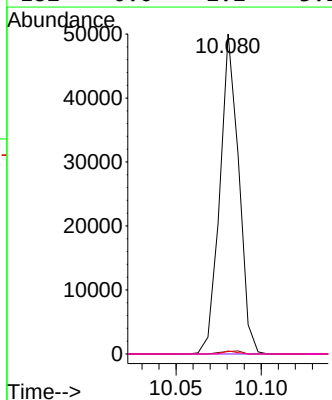
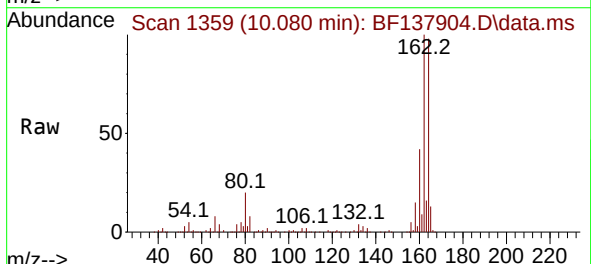
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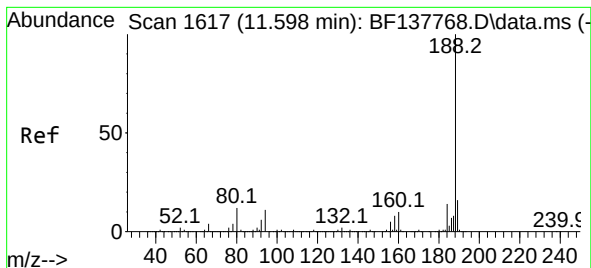
Tgt Ion:165 Resp: 38580
Ion Ratio Lower Upper
165 100
63 0.8 41.9 62.9#
89 0.9 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.822 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.206 min
Lab File: BF137904.D
Acq: 13 May 2024 15:53

Tgt Ion:165 Resp: 38580
Ion Ratio Lower Upper
165 100
63 0.8 31.3 46.9#
89 0.9 54.2 81.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.024 min

Lab File: BF137904.D

Acq: 13 May 2024 15:53

Instrument :

BNA_F

ClientSampleId :

SW-04-011

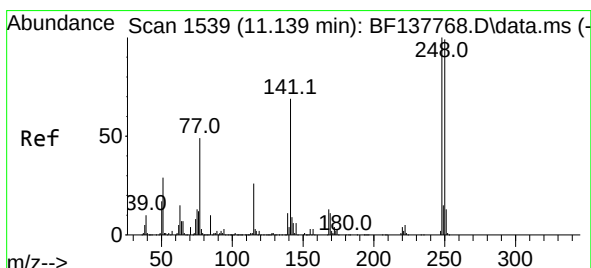
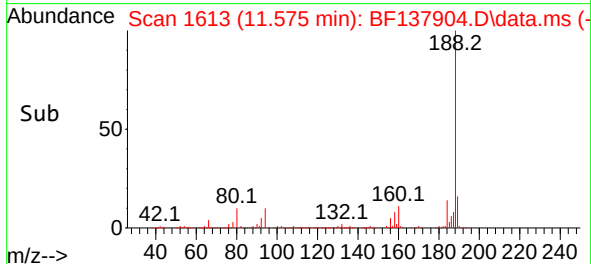
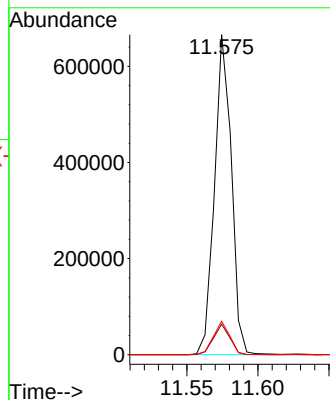
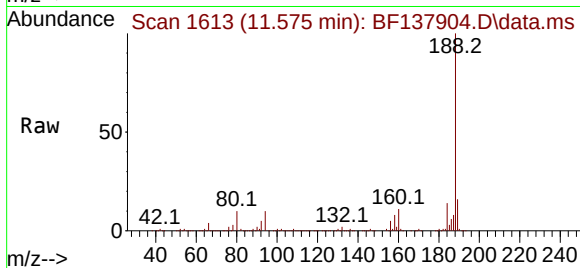
Tgt Ion:188 Resp: 548298

Ion Ratio Lower Upper

188 100

94 9.5 8.8 13.2

80 10.4 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 2.665 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.265 min

Lab File: BF137904.D

Acq: 13 May 2024 15:53

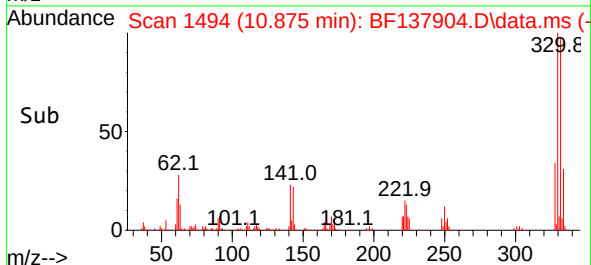
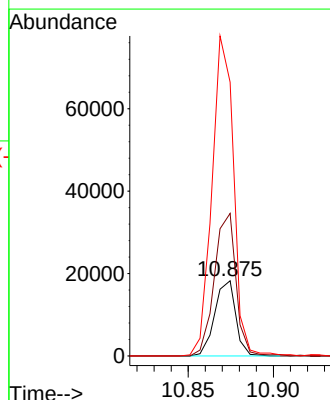
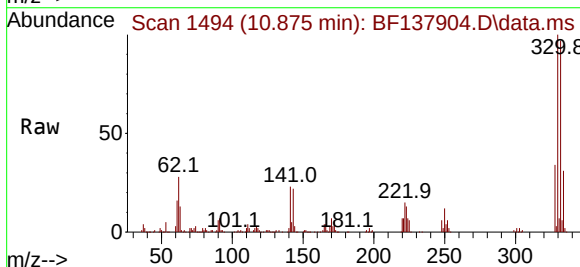
Tgt Ion:248 Resp: 15638

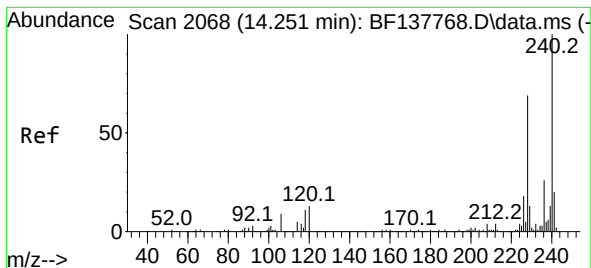
Ion Ratio Lower Upper

248 100

250 189.7 79.1 118.7#

141 364.0 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.221 min Scan# 2063

Delta R.T. -0.029 min

Lab File: BF137904.D

Acq: 13 May 2024 15:53

Instrument :

BNA_F

ClientSampleId :

SW-04-011

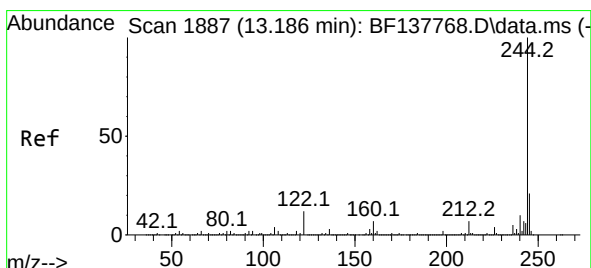
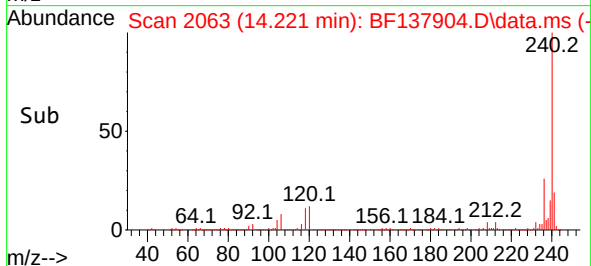
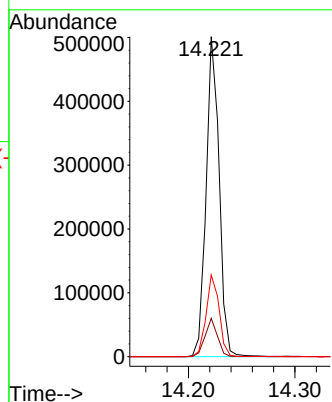
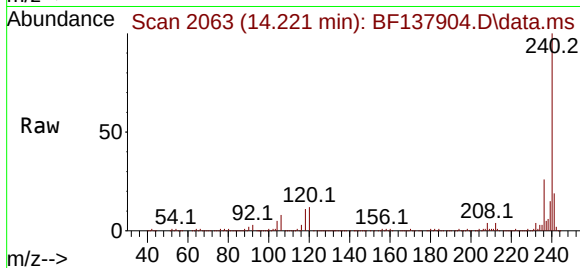
Tgt Ion:240 Resp: 427869

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

236 25.6 20.4 30.6



#79

Terphenyl-d14

Concen: 51.618 ng

RT: 13.163 min Scan# 1883

Delta R.T. -0.024 min

Lab File: BF137904.D

Acq: 13 May 2024 15:53

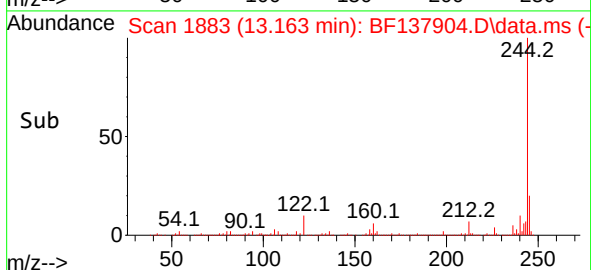
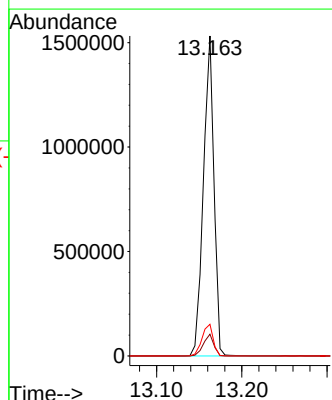
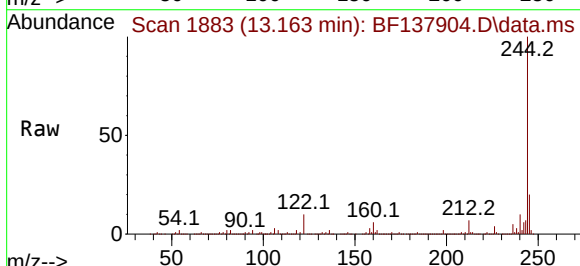
Tgt Ion:244 Resp: 1317864

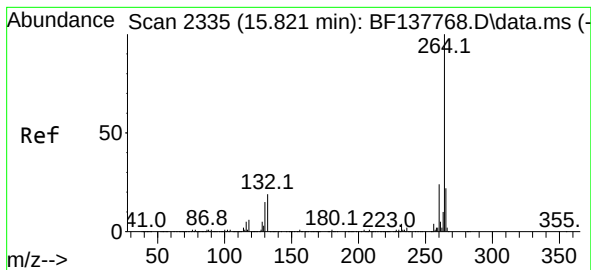
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 9.9 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF137904.D

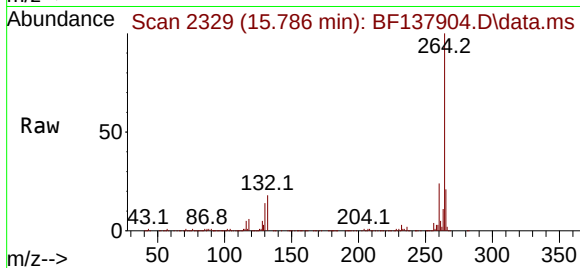
Acq: 13 May 2024 15:53

Instrument :

BNA_F

ClientSampleId :

SW-04-011



Tgt Ion:264 Resp: 377732

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.1 17.4 26.0

