

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137892.D
 Acq On : 10 May 2024 20:51
 Operator : CG\JU
 Sample : P2432-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-01-011

Quant Time: May 11 00:43:47 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)

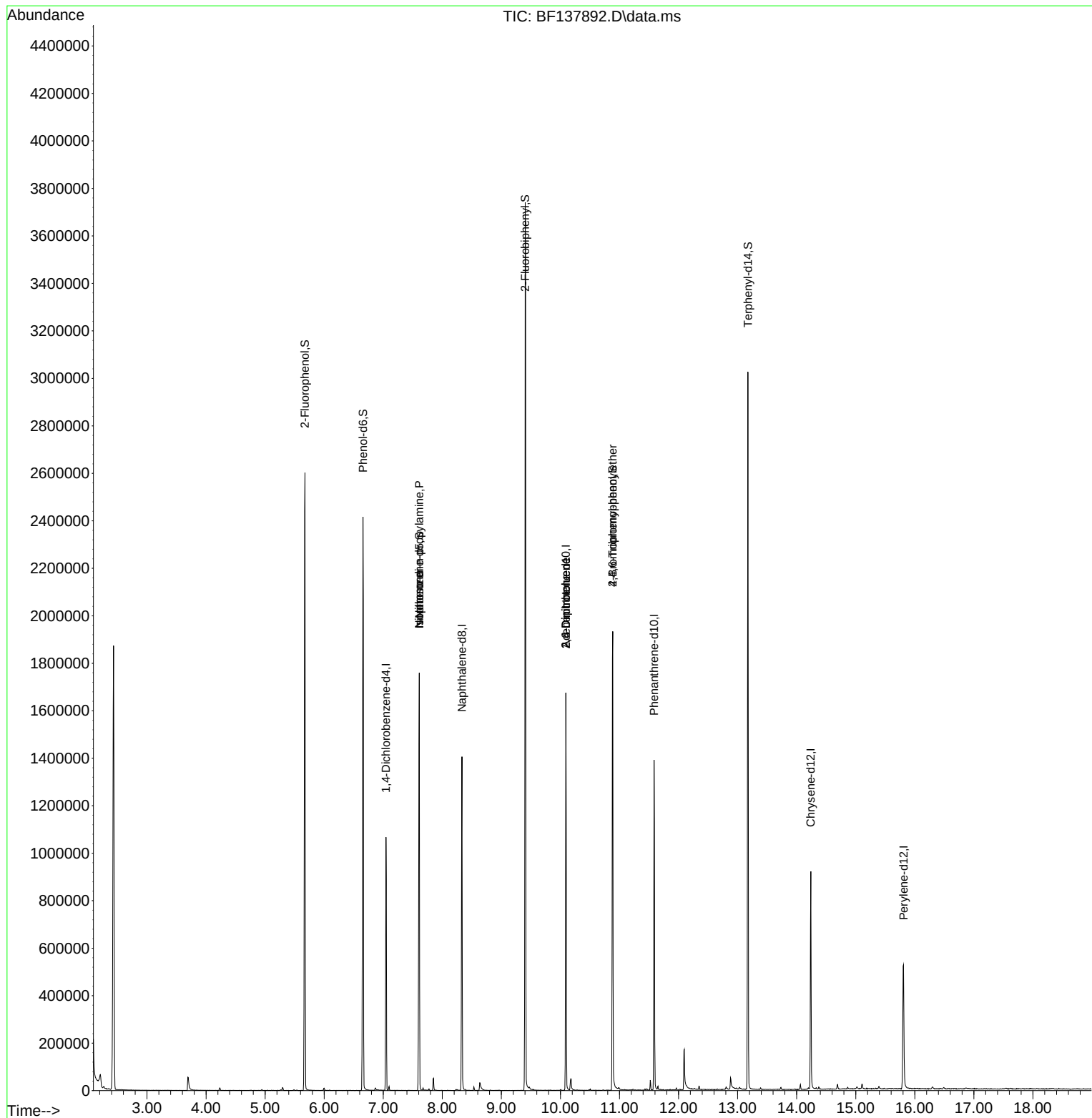
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	158398	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	615396	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	339142	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	511774	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	304019	20.000	ng	-0.01
86) Perylene-d12	15.810	264	276189	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	779424	82.386	ng	0.00
7) Phenol-d6	6.657	99	968945	80.746	ng	-0.02
23) Nitrobenzene-d5	7.610	82	572483	54.047	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	268146	77.438	ng	-0.01
45) 2-Fluorobiphenyl	9.404	172	1233590	59.012	ng	-0.02
79) Terphenyl-d14	13.174	244	1006624	55.489	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.610	70	73903	10.305	ng	# 75
25) Isophorone	7.610	82	572475	29.976	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	44813	9.159	ng	# 26
57) 2,4-Dinitrotoluene	10.092	165	44877	7.021	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	17597	3.213	ng	# 1

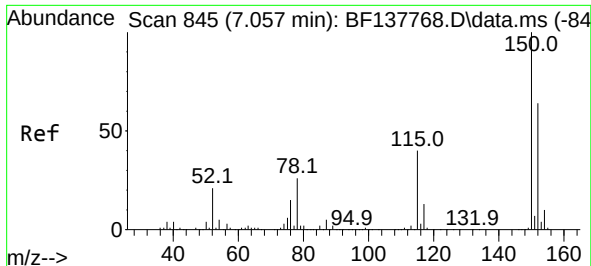
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
Data File : BF137892.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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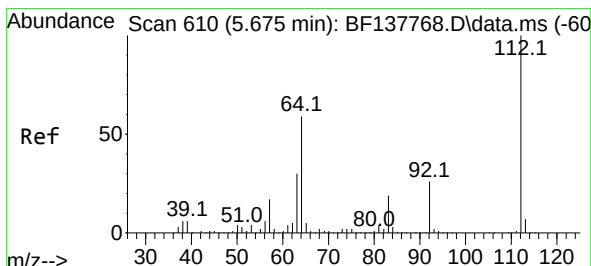
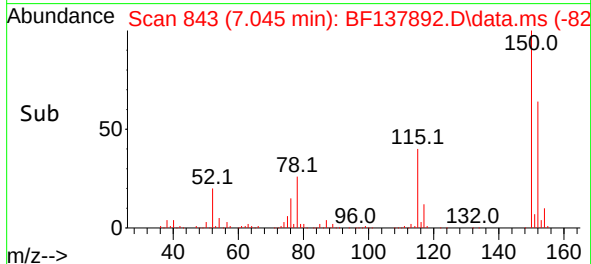
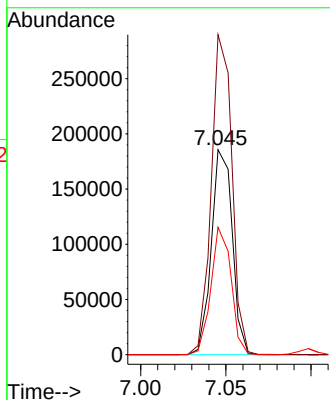
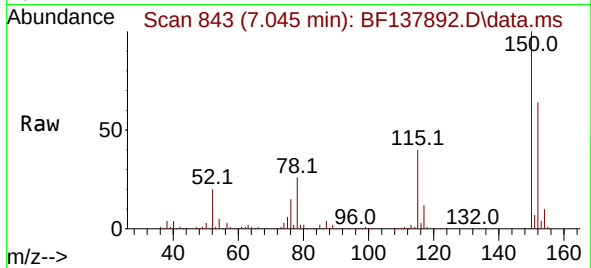




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

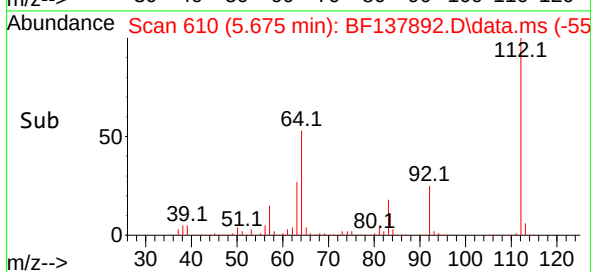
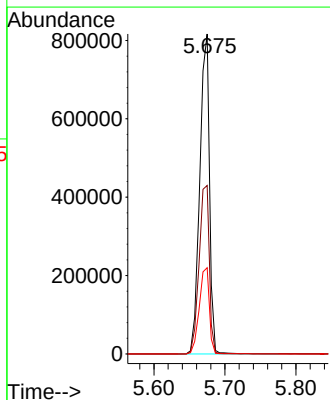
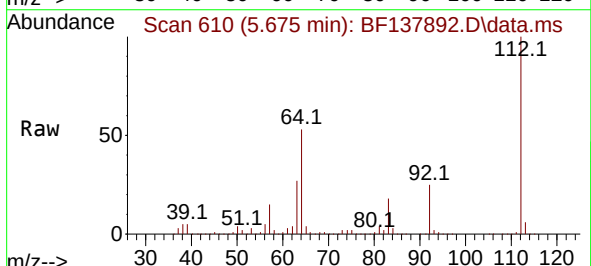
Instrument :
BNA_F
ClientSampleId :
B-01-011

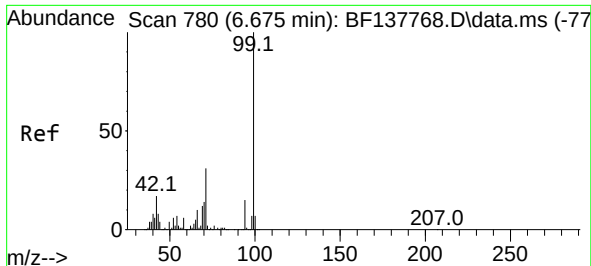
Tgt Ion:152 Resp: 158398
Ion Ratio Lower Upper
152 100
150 156.2 124.1 186.1
115 62.2 49.1 73.7



#5
2-Fluorophenol
Concen: 82.386 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

Tgt Ion:112 Resp: 779424
Ion Ratio Lower Upper
112 100
64 52.7 47.3 70.9
63 26.9 23.7 35.5

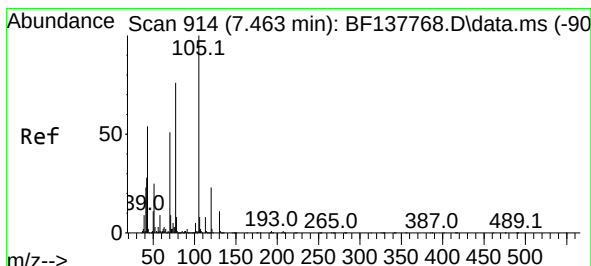
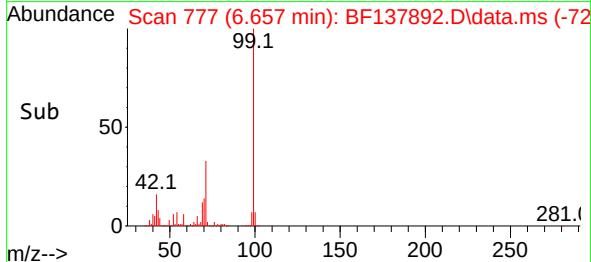
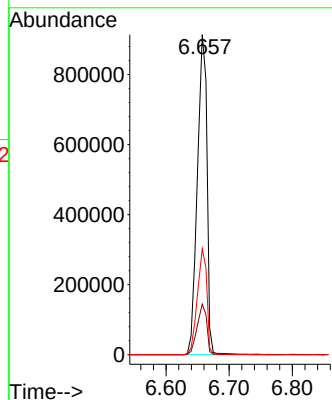
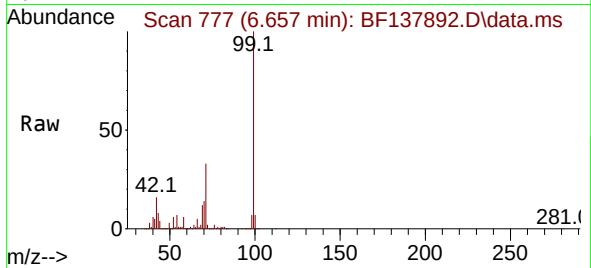




#7
Phenol-d6
Concen: 80.746 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

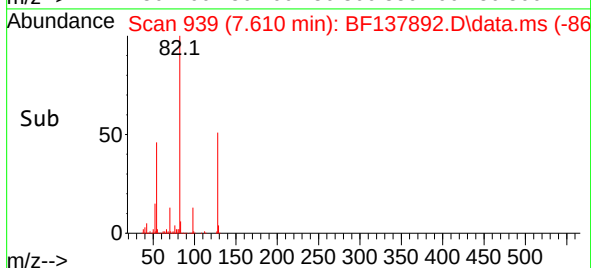
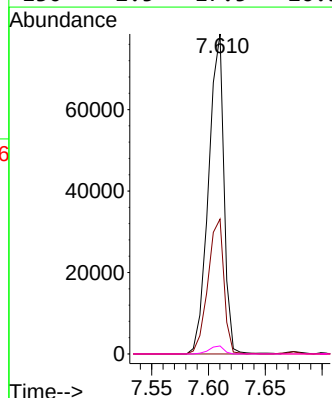
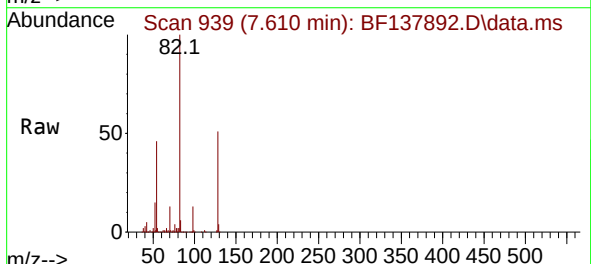
Instrument :
BNA_F
ClientSampleId :
B-01-011

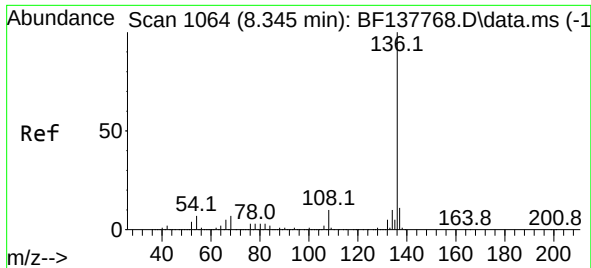
Tgt Ion: 99 Resp: 968945
Ion Ratio Lower Upper
99 100
42 15.8 13.2 19.8
71 33.1 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.305 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

Tgt Ion: 70 Resp: 73903
Ion Ratio Lower Upper
70 100
42 42.1 44.6 66.8#
101 0.0 7.8 11.6#
130 2.5 17.5 26.3#



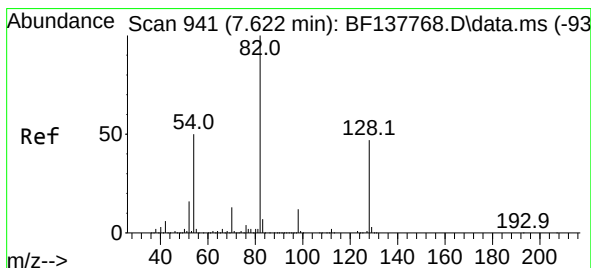
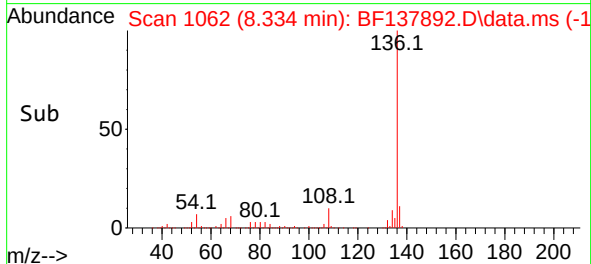
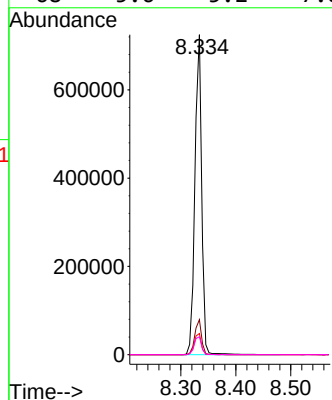
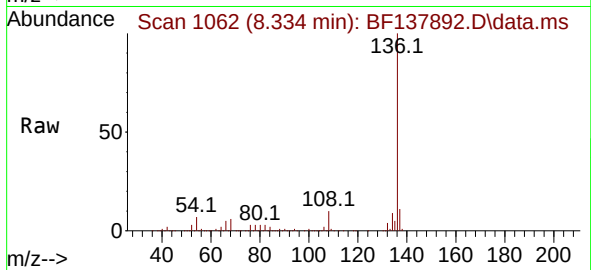


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1064
Delta R.T. -0.012 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

Instrument :
BNA_F
ClientSampleId :
B-01-011

Tgt Ion: 136 Resp: 615396

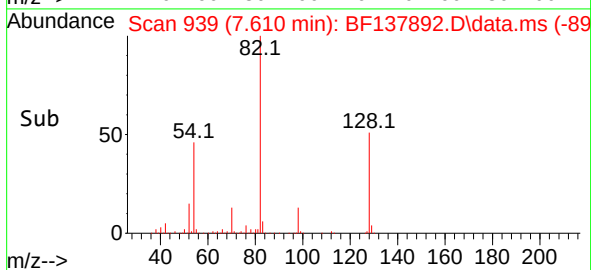
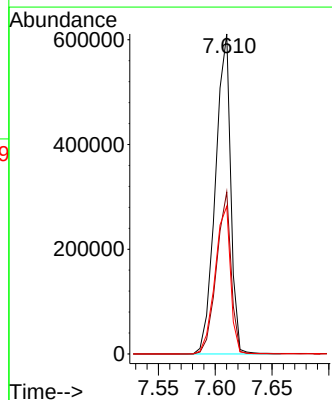
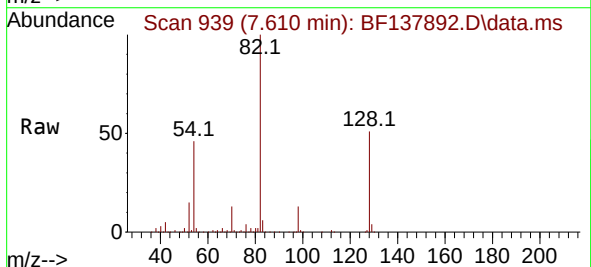
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	5.8	8.8
68	5.6	5.2	7.8

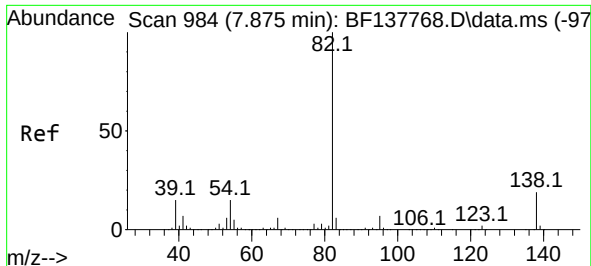


#23
Nitrobenzene-d5
Concen: 54.047 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

Tgt Ion: 82 Resp: 572483

Ion	Ratio	Lower	Upper
82	100		
128	50.6	37.5	56.3
54	46.2	39.8	59.6

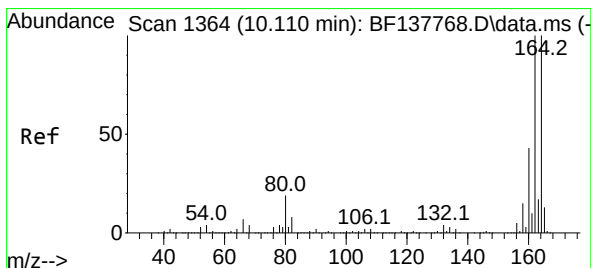
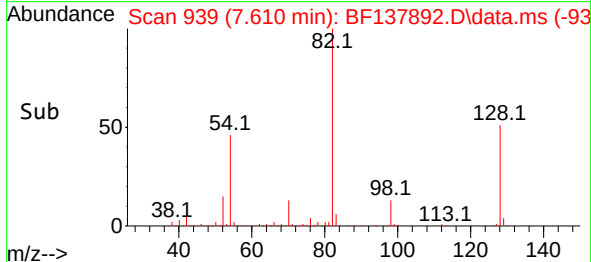
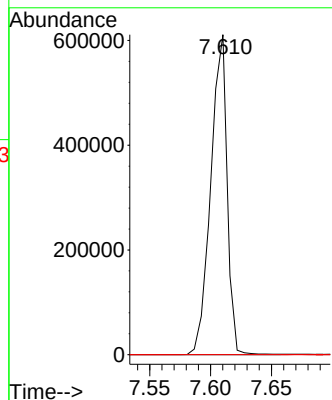
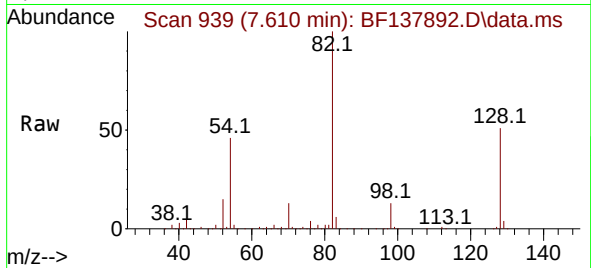




#25
Isophorone
Concen: 29.976 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

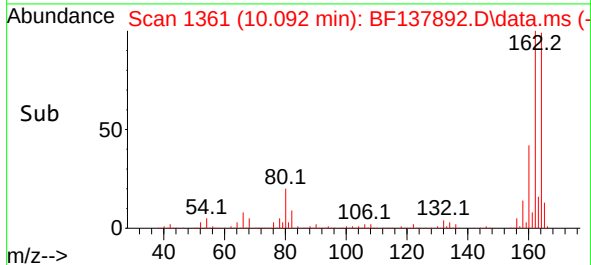
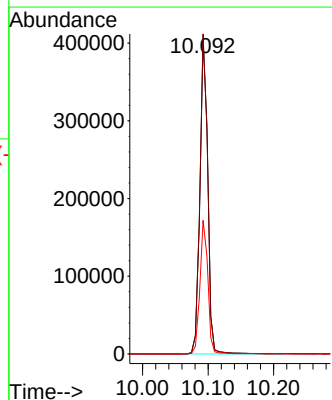
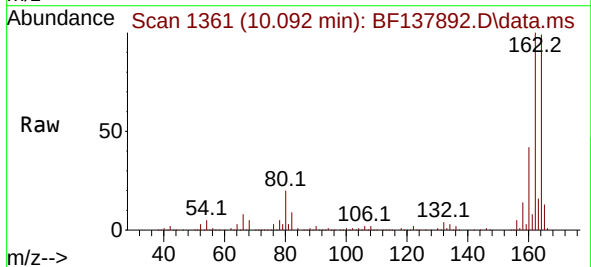
Instrument :
BNA_F
ClientSampleId :
B-01-011

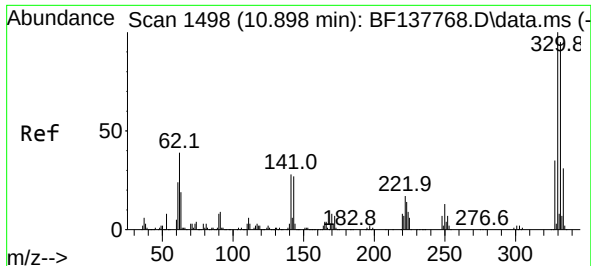
Tgt Ion: 82 Resp: 572475
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

Tgt Ion:164 Resp: 339142
Ion Ratio Lower Upper
164 100
162 101.4 79.8 119.6
160 42.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 77.438 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.012 min

Lab File: BF137892.D

Acq: 10 May 2024 20:51

Instrument :

BNA_F

ClientSampleId :

B-01-011

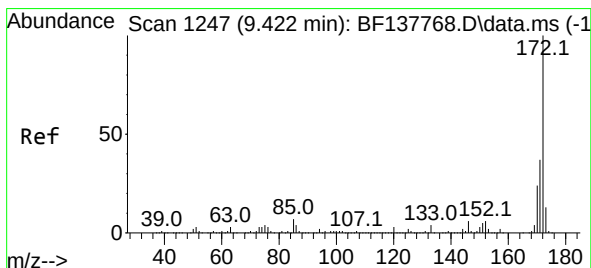
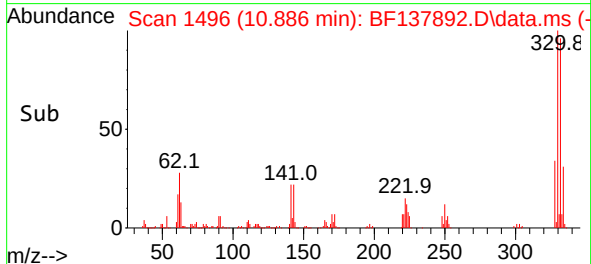
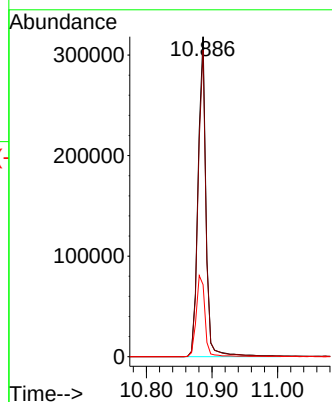
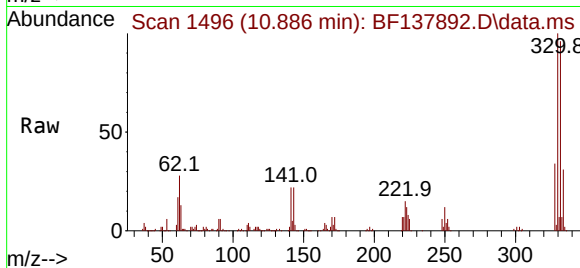
Tgt Ion:330 Resp: 268146

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 28.3 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 59.012 ng

RT: 9.404 min Scan# 1244

Delta R.T. -0.018 min

Lab File: BF137892.D

Acq: 10 May 2024 20:51

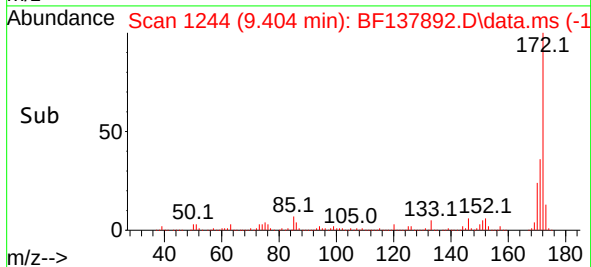
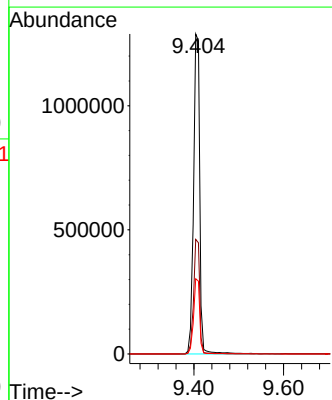
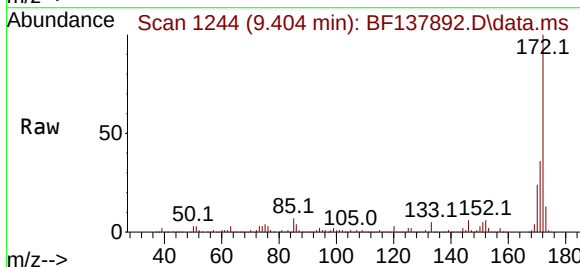
Tgt Ion:172 Resp: 1233590

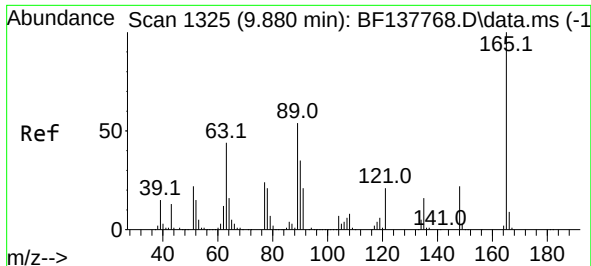
Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

170 23.5 19.4 29.2

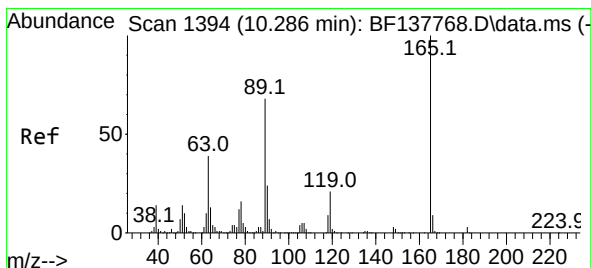
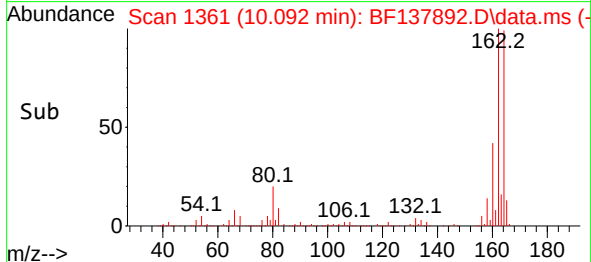
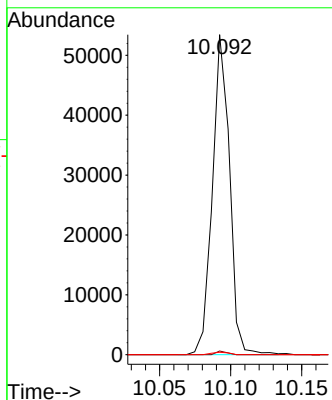
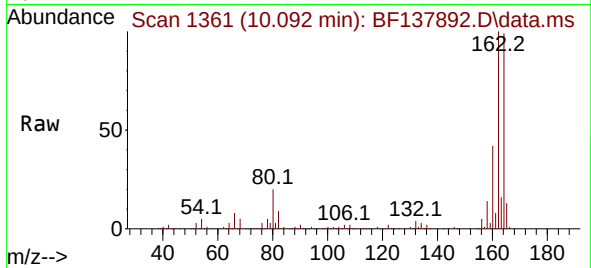




#51
2,6-Dinitrotoluene
Concen: 9.159 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

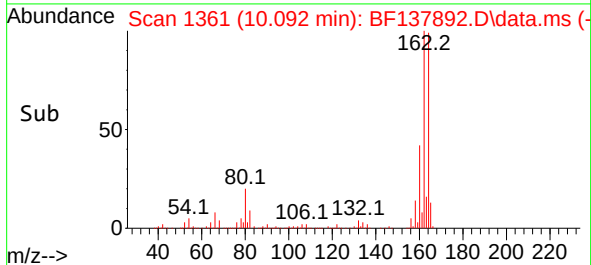
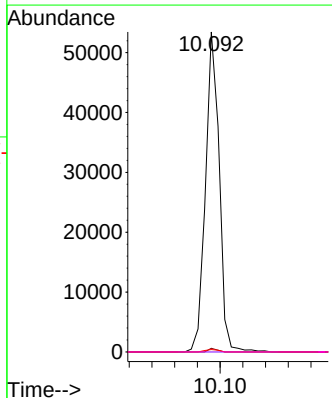
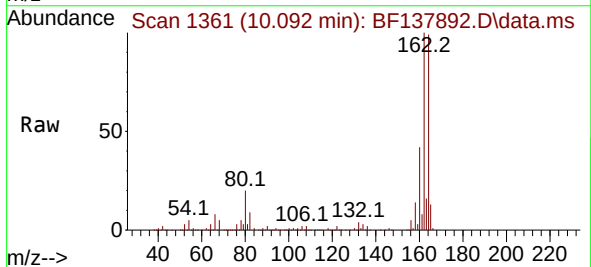
Instrument :
BNA_F
ClientSampleId :
B-01-011

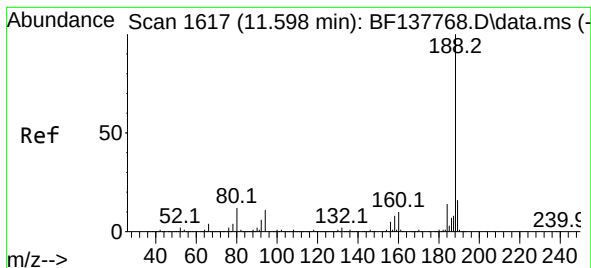
Tgt Ion:165 Resp: 44813
Ion Ratio Lower Upper
165 100
63 1.1 41.9 62.9#
89 0.8 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 7.021 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137892.D
Acq: 10 May 2024 20:51

Tgt Ion:165 Resp: 44877
Ion Ratio Lower Upper
165 100
63 1.1 31.3 46.9#
89 0.8 54.2 81.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.586 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137892.D

Acq: 10 May 2024 20:51

Instrument :

BNA_F

ClientSampleId :

B-01-011

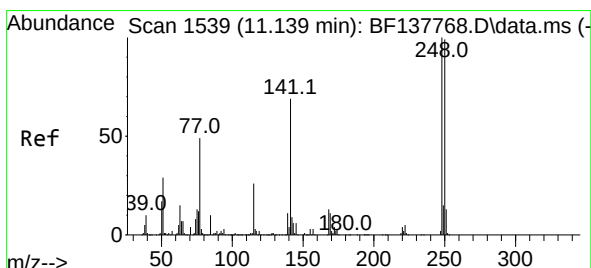
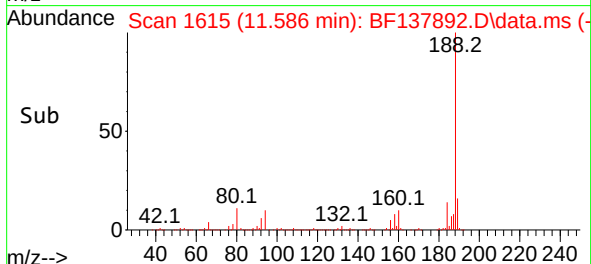
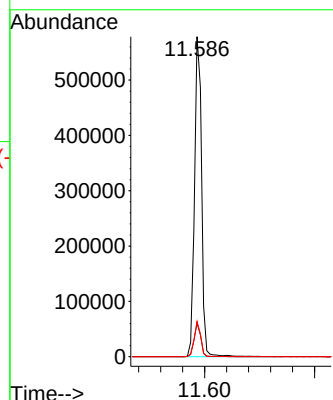
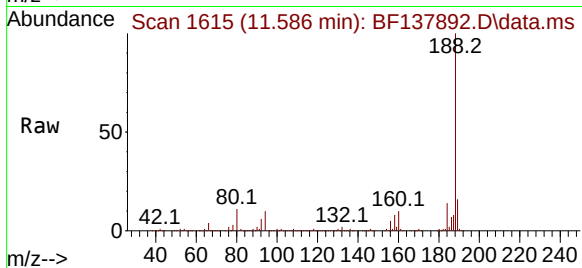
Tgt Ion:188 Resp: 511774

Ion Ratio Lower Upper

188 100

94 10.5 8.8 13.2

80 11.0 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 3.213 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.253 min

Lab File: BF137892.D

Acq: 10 May 2024 20:51

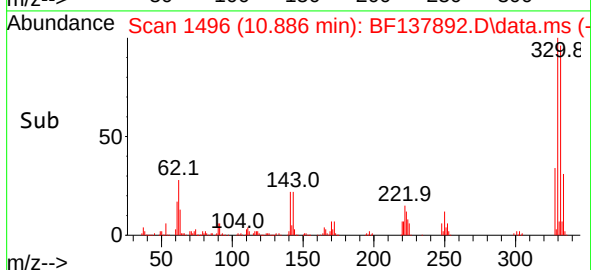
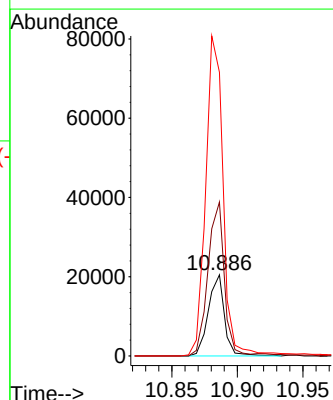
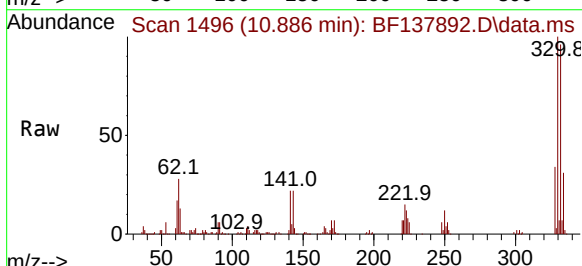
Tgt Ion:248 Resp: 17597

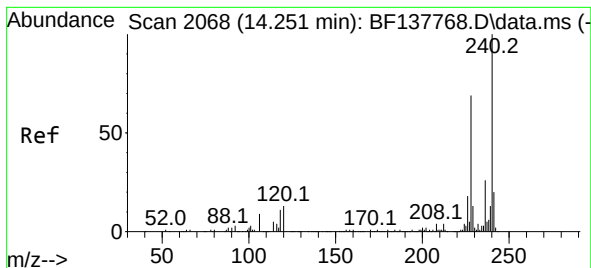
Ion Ratio Lower Upper

248 100

250 189.9 79.1 118.7#

141 349.8 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF137892.D

Acq: 10 May 2024 20:51

Instrument :

BNA_F

ClientSampleId :

B-01-011

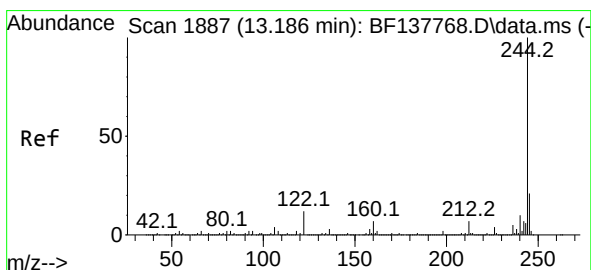
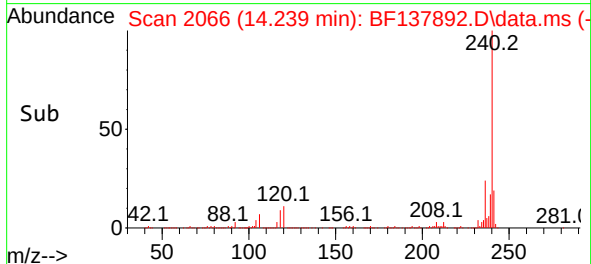
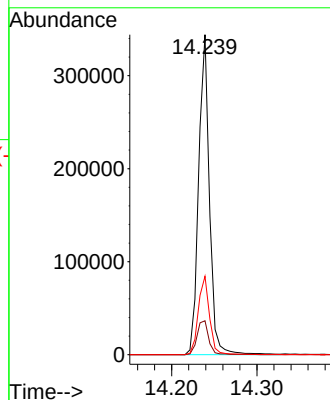
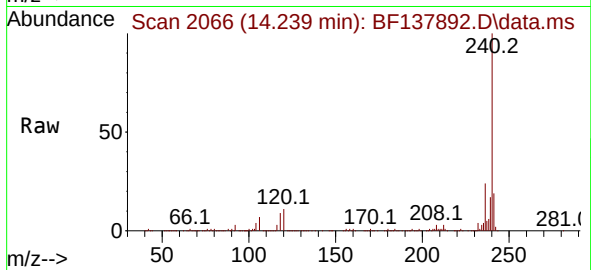
Tgt Ion:240 Resp: 304019

Ion Ratio Lower Upper

240 100

120 10.6 10.4 15.6

236 24.5 20.4 30.6



#79

Terphenyl-d14

Concen: 55.489 ng

RT: 13.174 min Scan# 1885

Delta R.T. -0.012 min

Lab File: BF137892.D

Acq: 10 May 2024 20:51

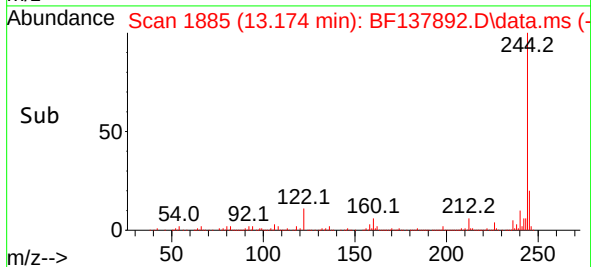
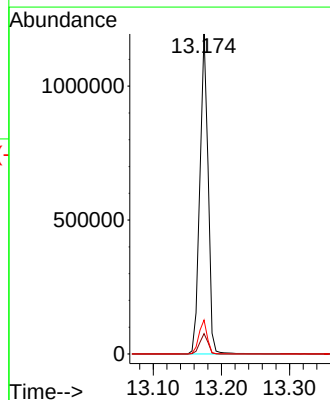
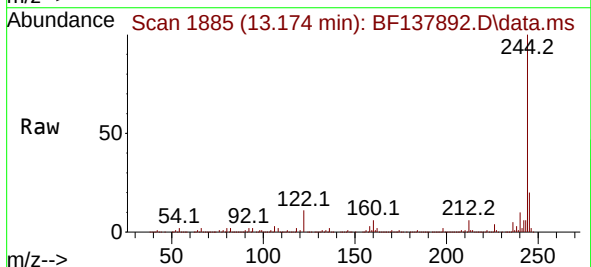
Tgt Ion:244 Resp: 1006624

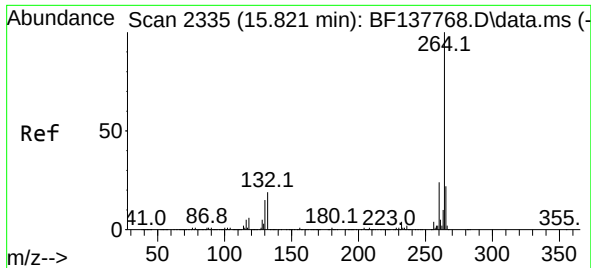
Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

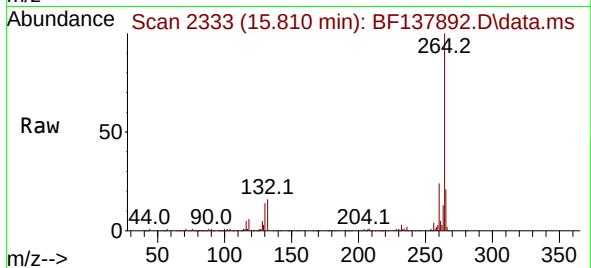
122 10.6 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.810 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF137892.D
 Acq: 10 May 2024 20:51

Instrument :
 BNA_F
 ClientSampleId :
 B-01-011



Tgt Ion:264 Resp: 276189
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.0 17.4 26.0

