

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137893.D
 Acq On : 10 May 2024 21:21
 Operator : CG\JU
 Sample : P2432-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-01-011

Quant Time: May 11 00:44:10 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)

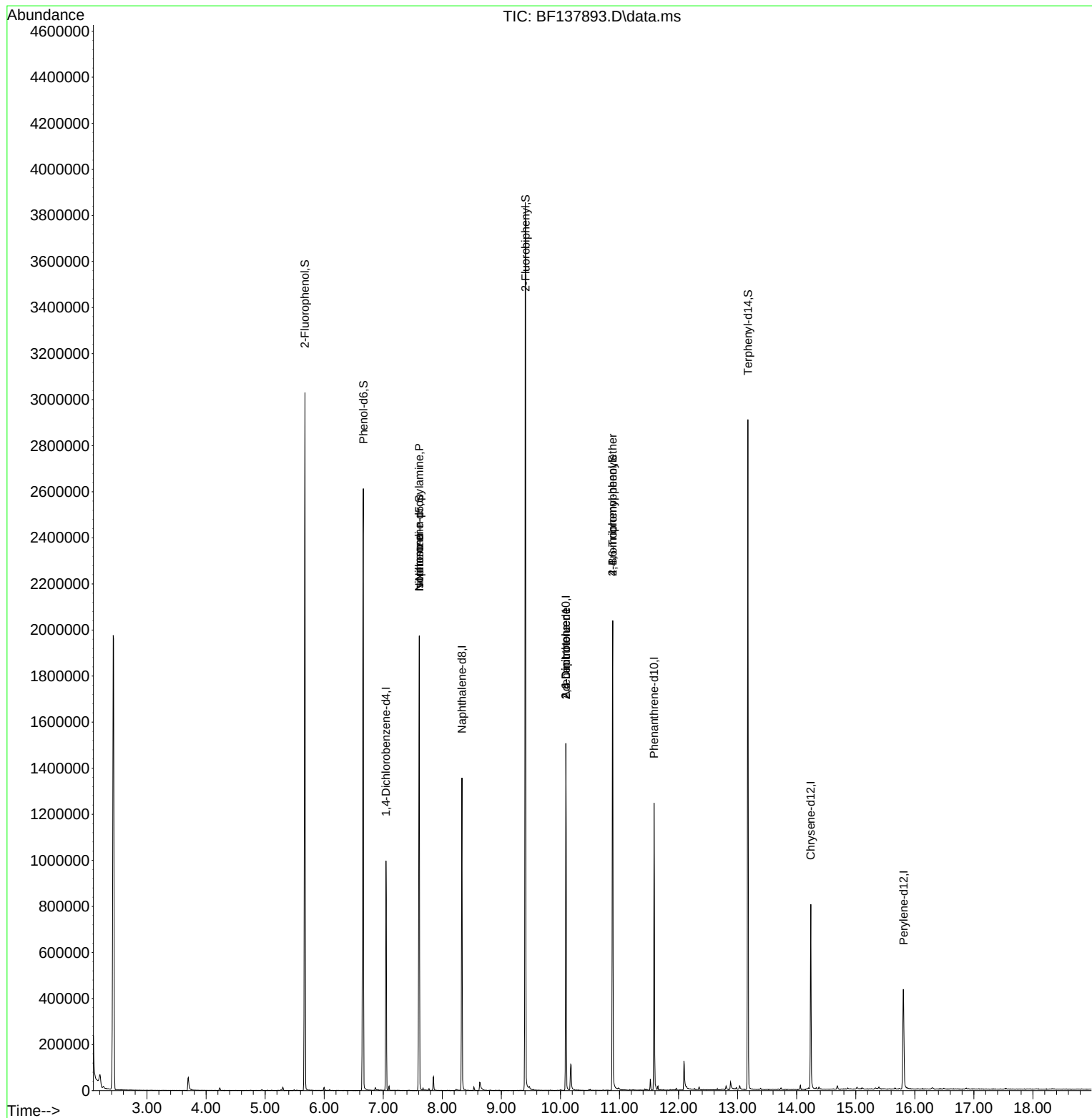
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	148554	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	575580	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	309502	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	431227	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	259577	20.000	ng	#-0.01
86) Perylene-d12	15.810	264	236531	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	848943	95.681	ng	0.00
7) Phenol-d6	6.663	99	1044180	92.782	ng	-0.01
23) Nitrobenzene-d5	7.610	82	619477	62.529	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	268375	84.926	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1299360	68.110	ng	-0.01
79) Terphenyl-d14	13.174	244	943196	60.894	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	80269	11.935	ng	# 75
25) Isophorone	7.610	82	619469	34.680	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	39265	8.794	ng	# 26
57) 2,4-Dinitrotoluene	10.092	165	39266	6.731	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	17095	3.704	ng	# 1

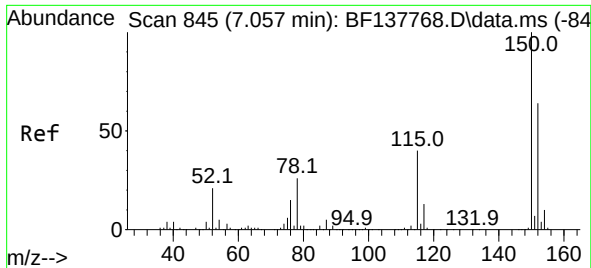
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
Data File : BF137893.D
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Sample : P2432-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-01-011

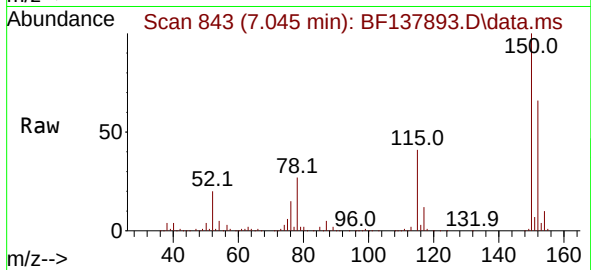
Quant Time: May 11 00:44:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



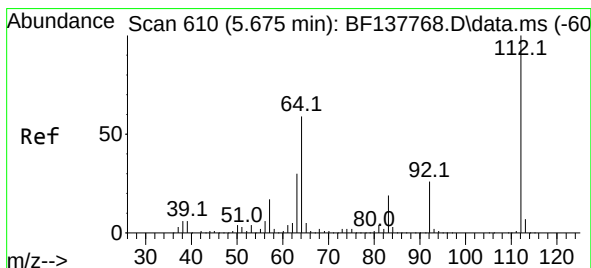
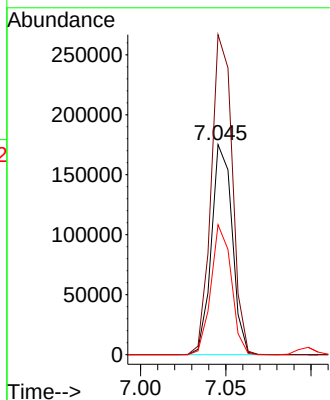
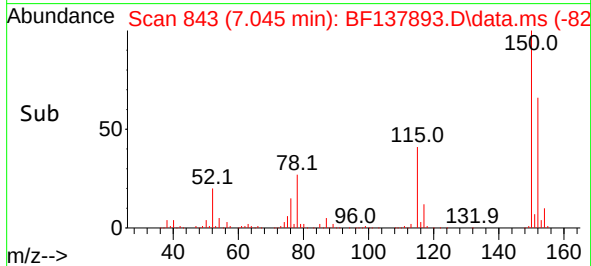


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

Instrument :
BNA_F
ClientSampleId :
SW-01-011

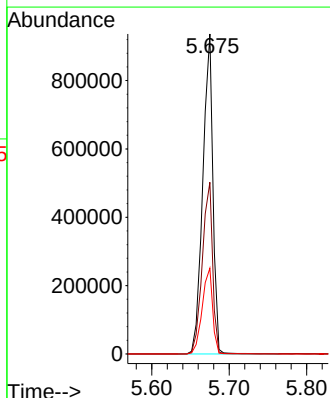
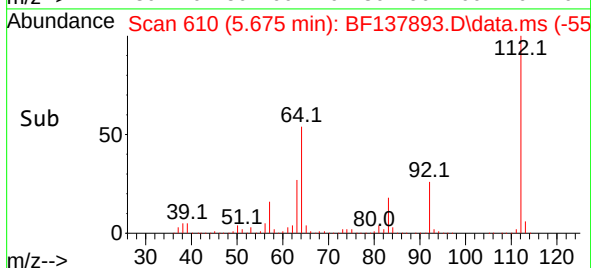
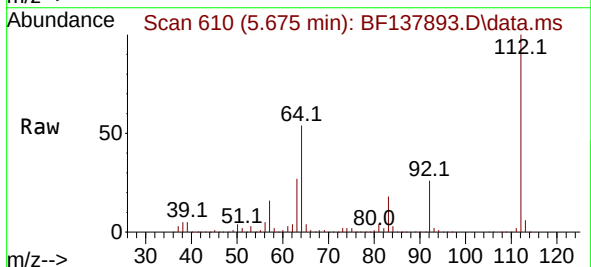


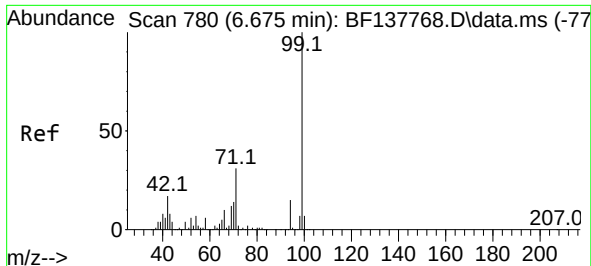
Tgt Ion:152 Resp: 148554
Ion Ratio Lower Upper
152 100
150 152.3 124.1 186.1
115 61.9 49.1 73.7



#5
2-Fluorophenol
Concen: 95.681 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.000 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

Tgt Ion:112 Resp: 848943
Ion Ratio Lower Upper
112 100
64 53.7 47.3 70.9
63 26.8 23.7 35.5

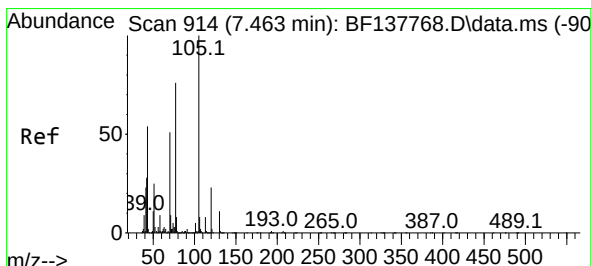
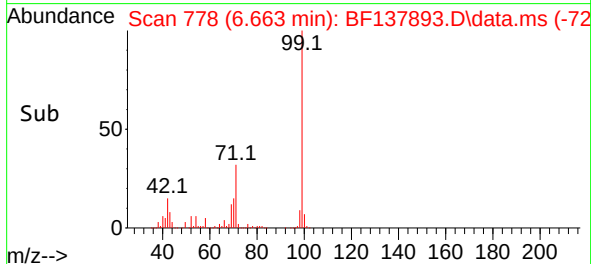
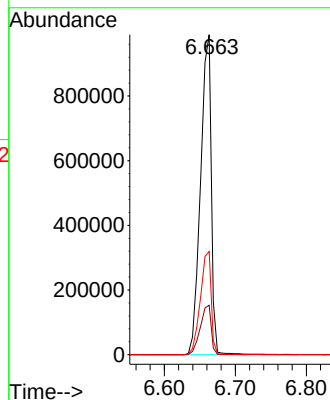
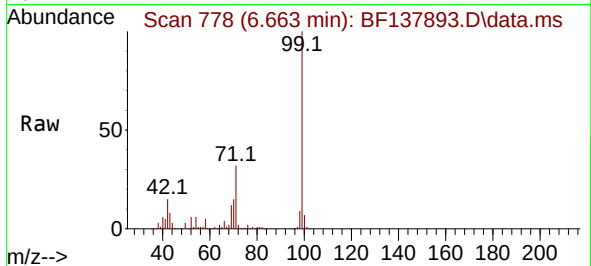




#7
Phenol-d6
Concen: 92.782 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

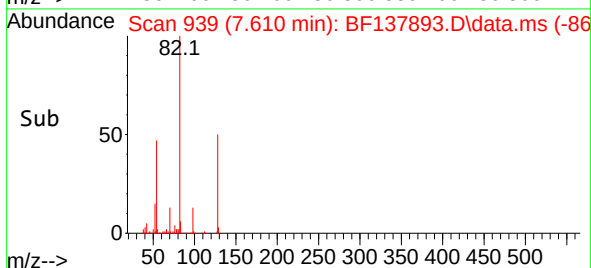
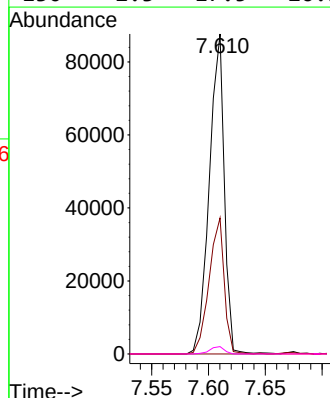
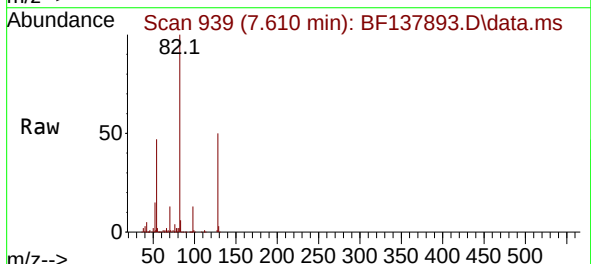
Instrument :
BNA_F
ClientSampleId :
SW-01-011

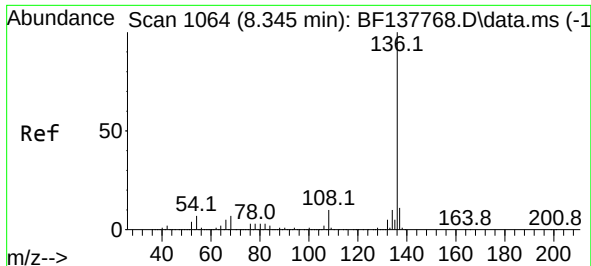
Tgt Ion: 99 Resp: 1044180
Ion Ratio Lower Upper
99 100
42 15.5 13.2 19.8
71 32.3 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.935 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

Tgt Ion: 70 Resp: 80269
Ion Ratio Lower Upper
70 100
42 42.5 44.6 66.8#
101 0.0 7.8 11.6#
130 2.3 17.5 26.3#



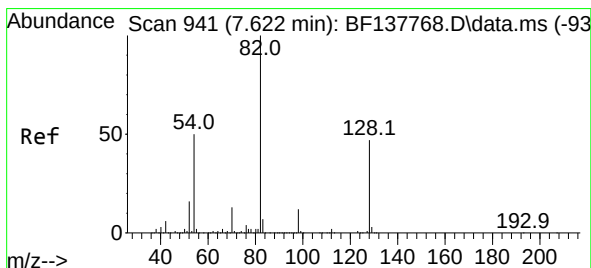
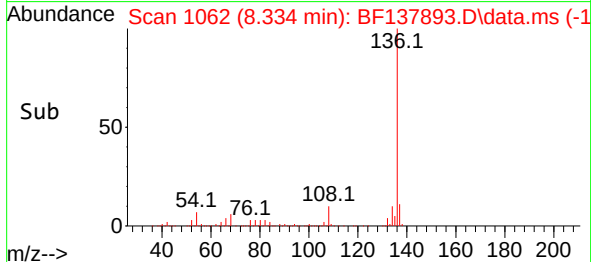
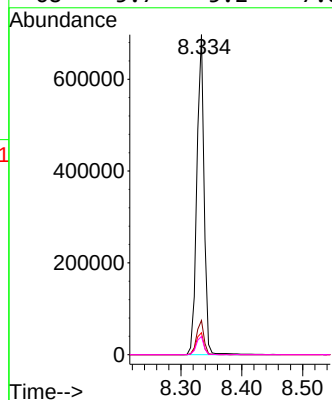
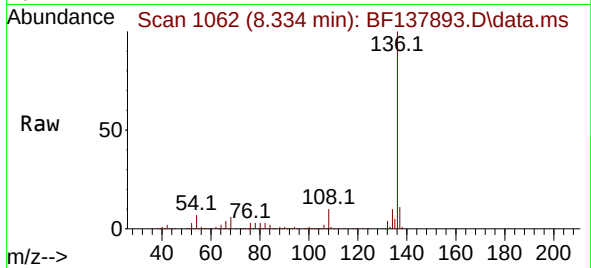


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

Instrument :
BNA_F
ClientSampleId :
SW-01-011

Tgt Ion:136 Resp: 575580

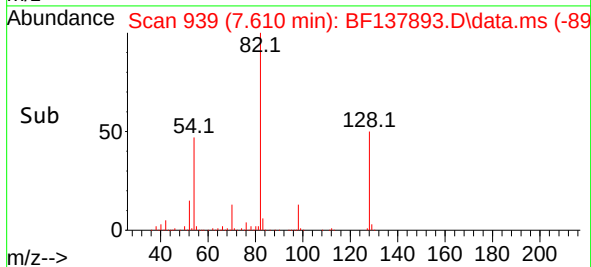
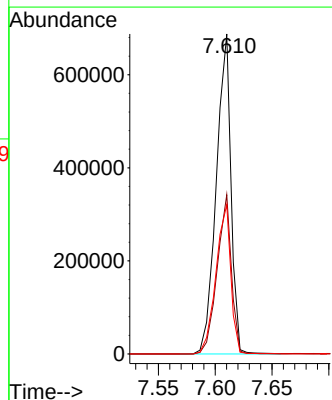
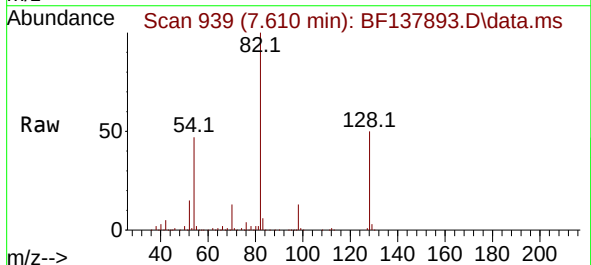
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.9	5.8	8.8
68	5.7	5.2	7.8

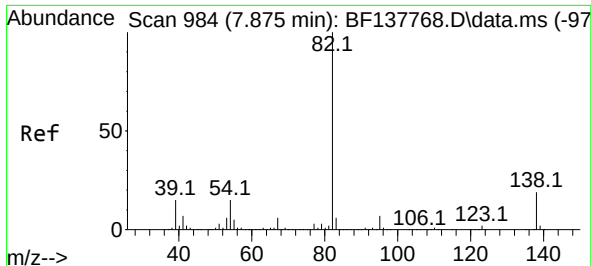


#23
Nitrobenzene-d5
Concen: 62.529 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

Tgt Ion: 82 Resp: 619477

Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.5	56.3
54	46.6	39.8	59.6

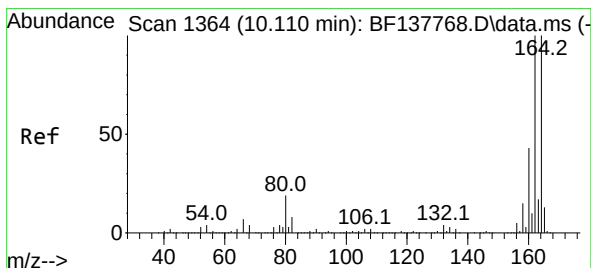
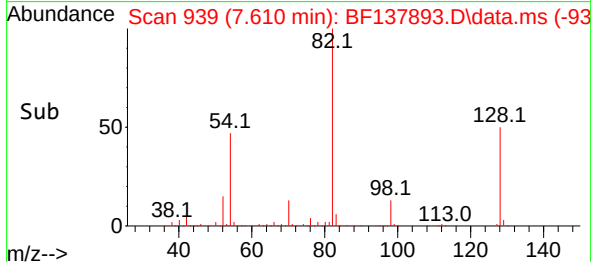
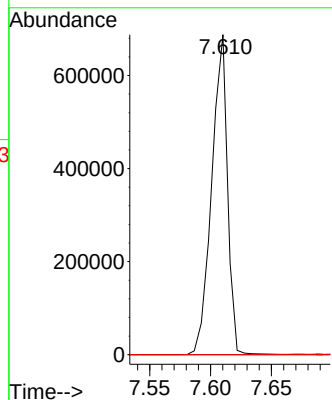
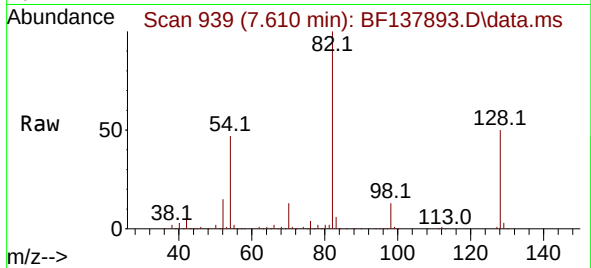




#25
Isophorone
Concen: 34.680 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

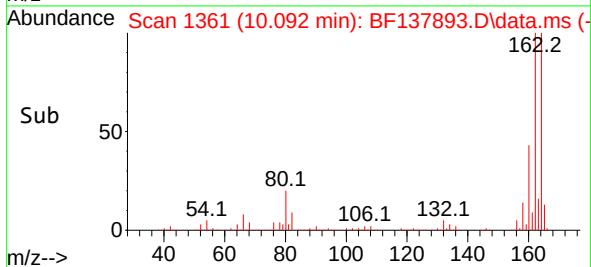
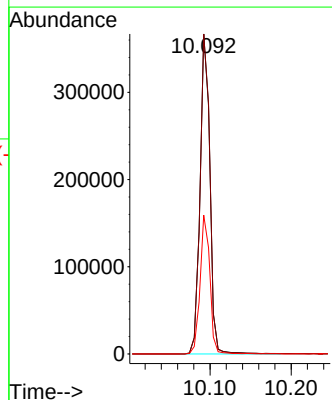
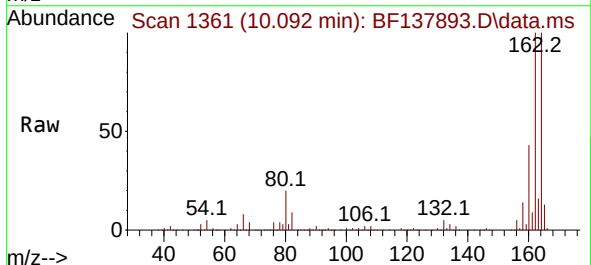
Instrument :
BNA_F
ClientSampleId :
SW-01-011

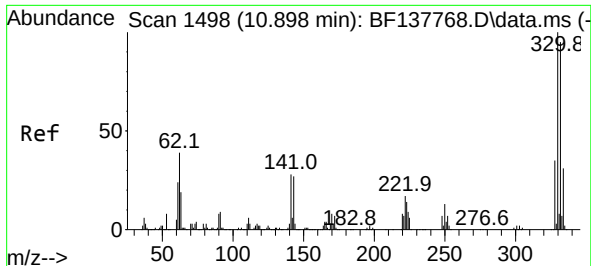
Tgt Ion: 82 Resp: 619469
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

Tgt Ion:164 Resp: 309502
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.6
160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 84.926 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.012 min

Lab File: BF137893.D

Acq: 10 May 2024 21:21

Instrument :

BNA_F

ClientSampleId :

SW-01-011

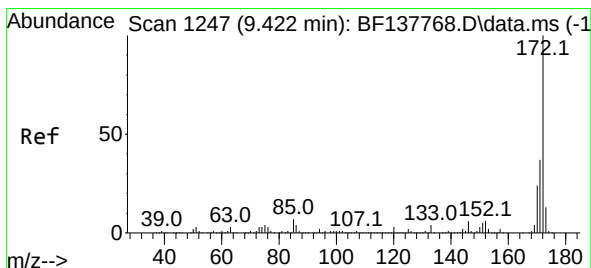
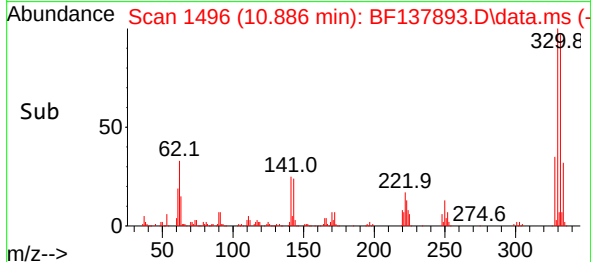
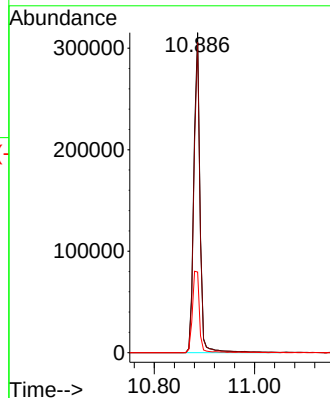
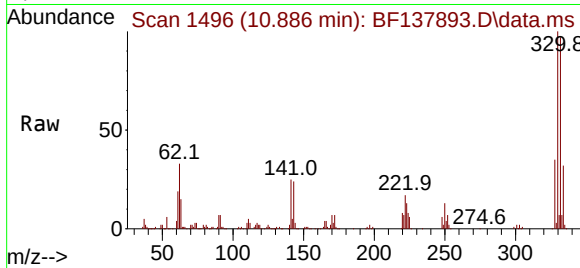
Tgt Ion:330 Resp: 268375

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

141 29.0 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 68.110 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137893.D

Acq: 10 May 2024 21:21

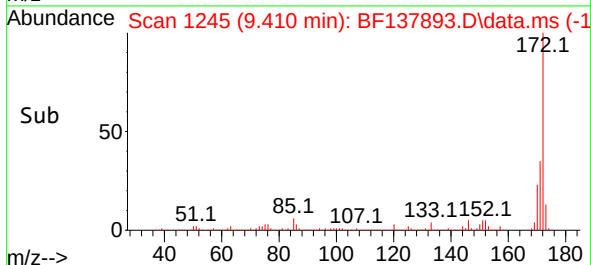
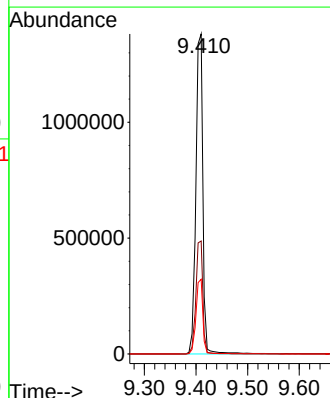
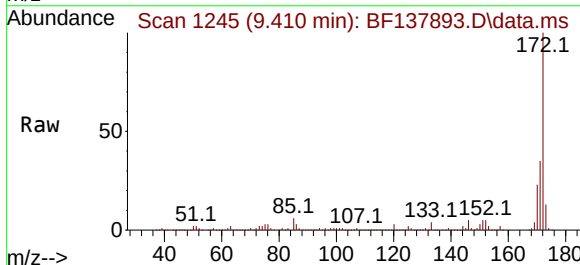
Tgt Ion:172 Resp: 1299360

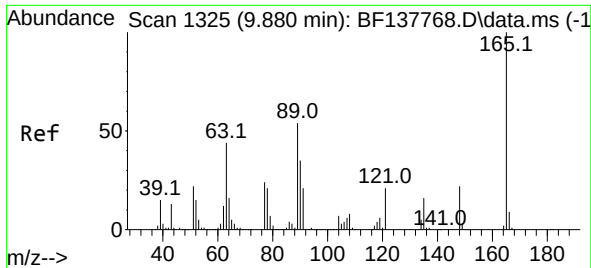
Ion Ratio Lower Upper

172 100

171 35.3 29.6 44.4

170 23.4 19.4 29.2

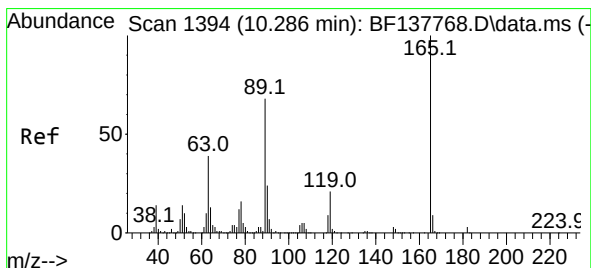
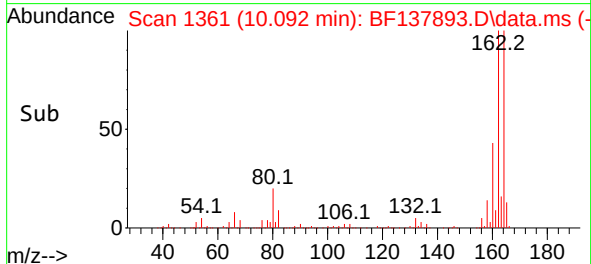
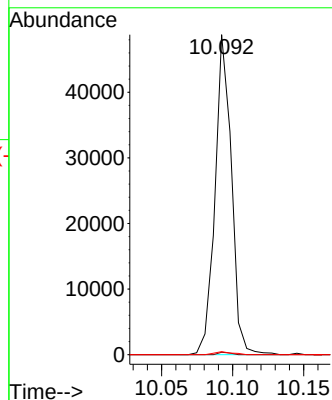
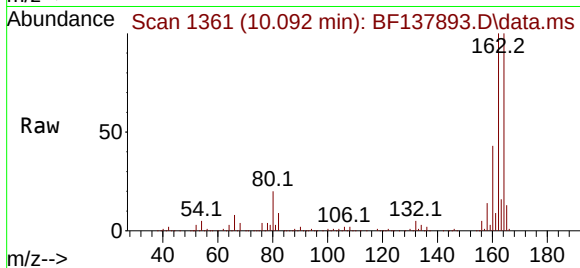




#51
2,6-Dinitrotoluene
Concen: 8.794 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

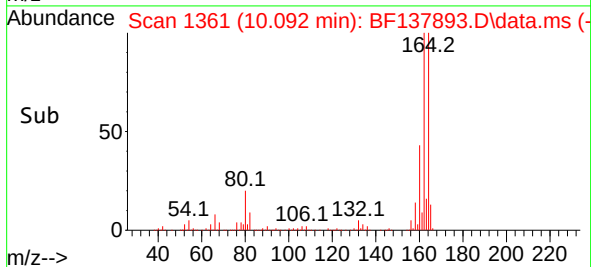
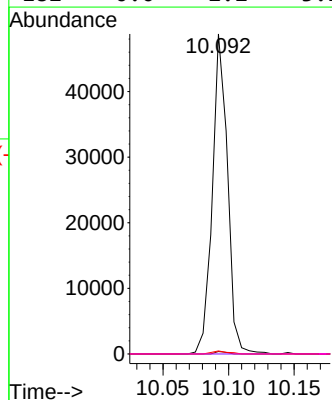
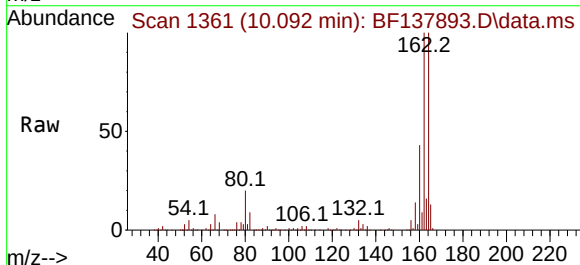
Instrument :
BNA_F
ClientSampleId :
SW-01-011

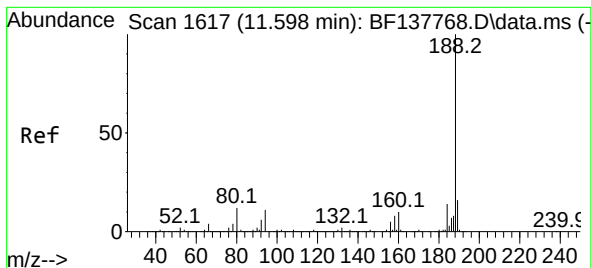
Tgt Ion:165 Resp: 39265
Ion Ratio Lower Upper
165 100
63 0.8 41.9 62.9#
89 1.0 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.731 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137893.D
Acq: 10 May 2024 21:21

Tgt Ion:165 Resp: 39266
Ion Ratio Lower Upper
165 100
63 0.8 31.3 46.9#
89 1.0 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: BF137893.D

Acq: 10 May 2024 21:21

Instrument :

BNA_F

ClientSampleId :

SW-01-011

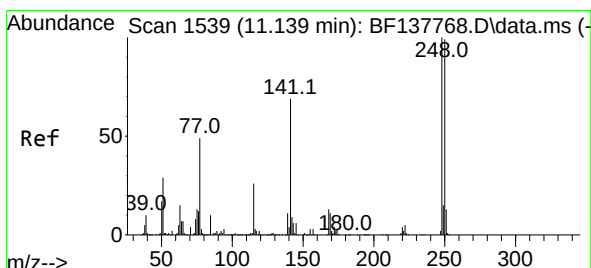
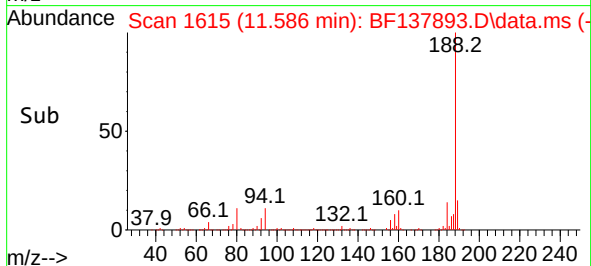
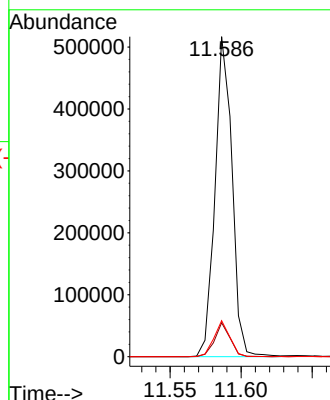
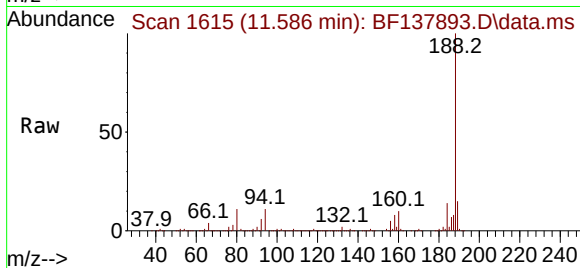
Tgt Ion:188 Resp: 431227

Ion Ratio Lower Upper

188 100

94 10.6 8.8 13.2

80 11.3 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 3.704 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.253 min

Lab File: BF137893.D

Acq: 10 May 2024 21:21

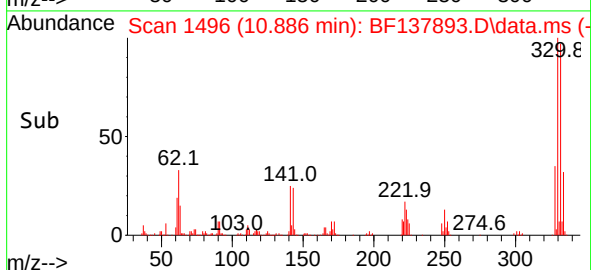
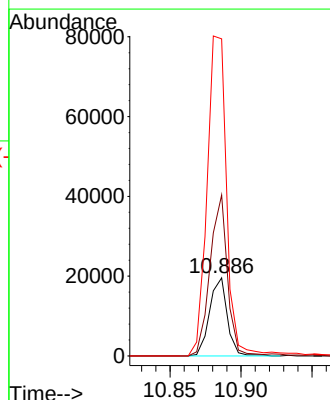
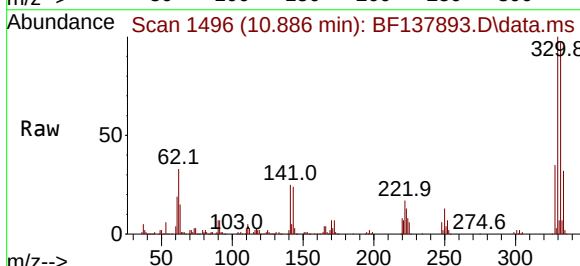
Tgt Ion:248 Resp: 17095

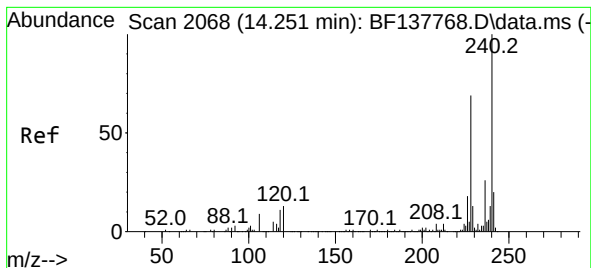
Ion Ratio Lower Upper

248 100

250 206.0 79.1 118.7#

141 406.1 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: BF137893.D

Acq: 10 May 2024 21:21

Instrument :

BNA_F

ClientSampleId :

SW-01-011

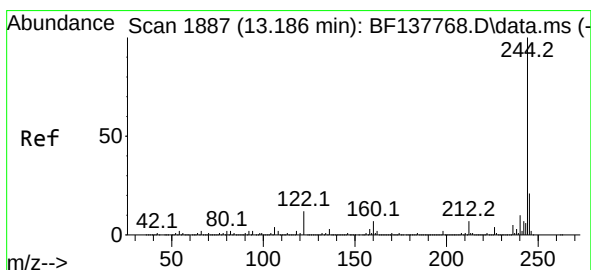
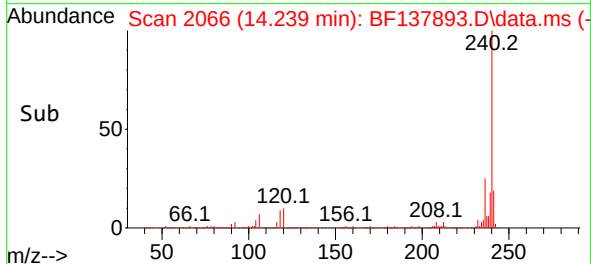
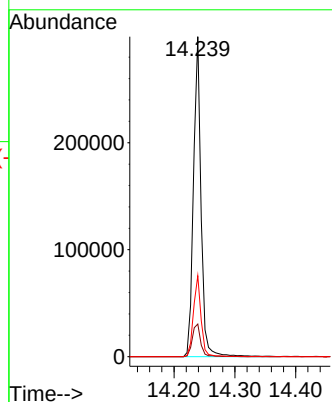
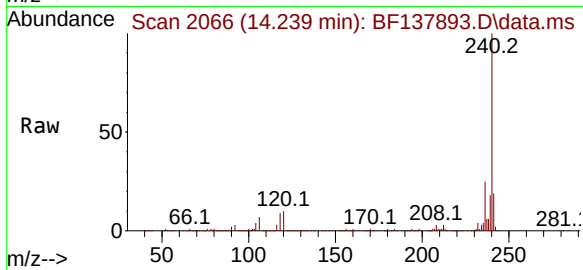
Tgt Ion:240 Resp: 259577

Ion Ratio Lower Upper

240 100

120 10.2 10.4 15.6#

236 25.3 20.4 30.6



#79

Terphenyl-d14

Concen: 60.894 ng

RT: 13.174 min Scan# 1885

Delta R.T. -0.012 min

Lab File: BF137893.D

Acq: 10 May 2024 21:21

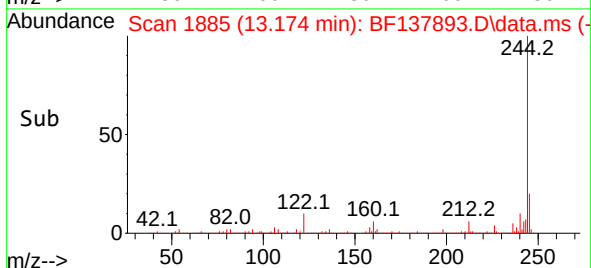
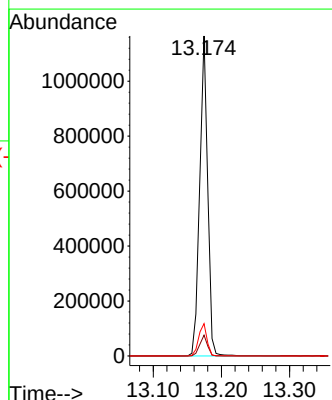
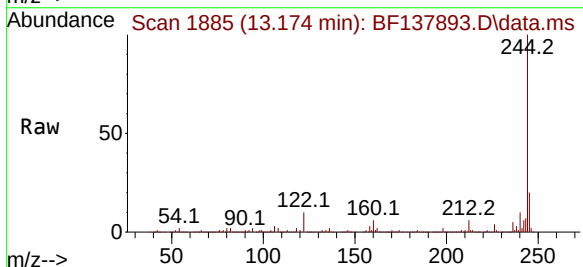
Tgt Ion:244 Resp: 943196

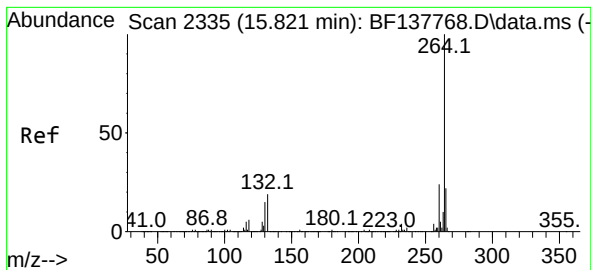
Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

122 10.1 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: BF137893.D

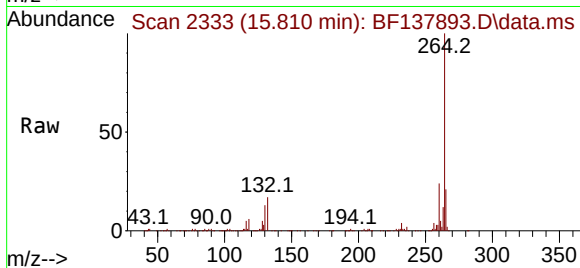
Acq: 10 May 2024 21:21

Instrument :

BNA_F

ClientSampleId :

SW-01-011



Tgt Ion:264 Resp: 236531

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.3 17.4 26.0

