

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137825.D
 Acq On : 02 May 2024 20:28
 Operator : CG\JU
 Sample : P2337-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 03 02:24:51 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)

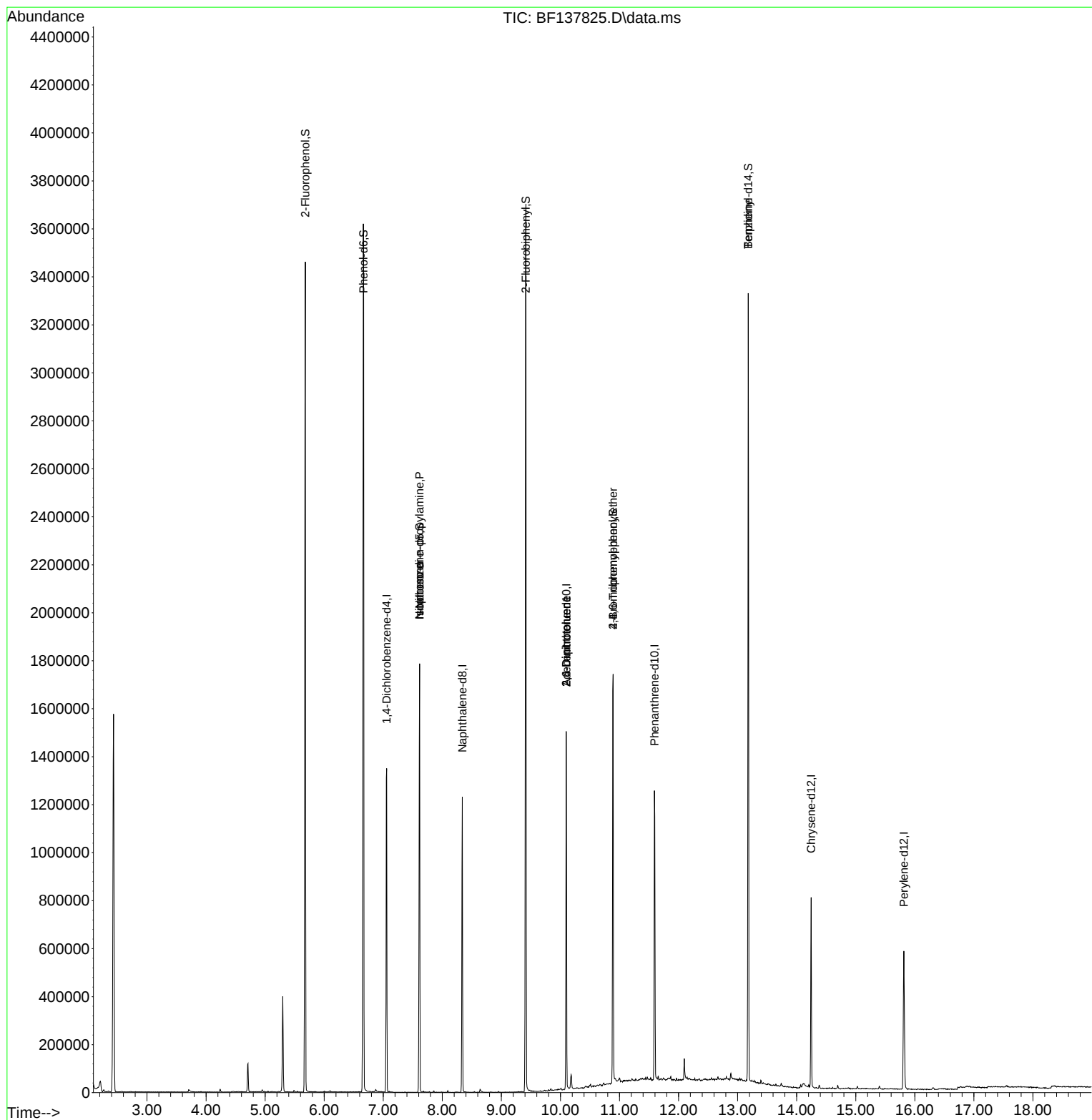
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	212137	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	523660	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	296781	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	462693	20.000	ng	0.00
76) Chrysene-d12	14.245	240	244359	20.000	ng	0.00
86) Perylene-d12	15.815	264	272678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	967083	76.327	ng	0.00
7) Phenol-d6	6.663	99	1440522	89.635	ng	-0.01
23) Nitrobenzene-d5	7.616	82	558644	61.979	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	224526	74.096	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1235069	67.515	ng	0.00
79) Terphenyl-d14	13.180	244	1100405	75.468	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.616	70	75353	7.846	ng	# 73
25) Isophorone	7.616	82	558635	34.375	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	38205	8.923	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	38205	6.830	ng	# 26
67) 4-Bromophenyl-phenylether	10.892	248	15156	3.061	ng	# 1
77) Benzidine	13.180	184	13379	2.367	ng	# 89

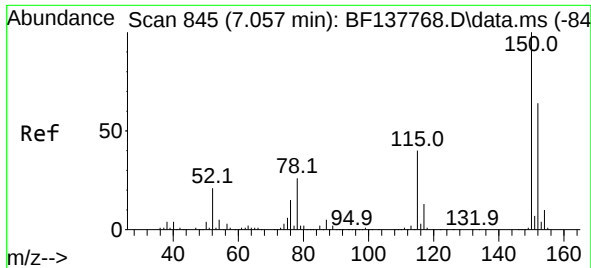
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137825.D
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Operator : CG\JU
Sample : P2337-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

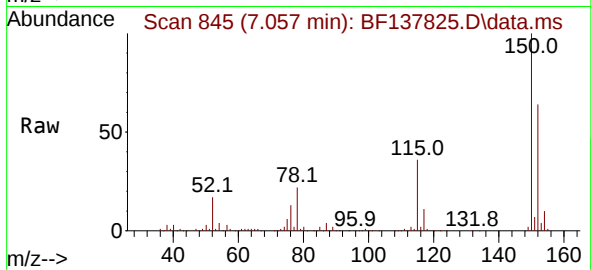
Quant Time: May 03 02:24:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
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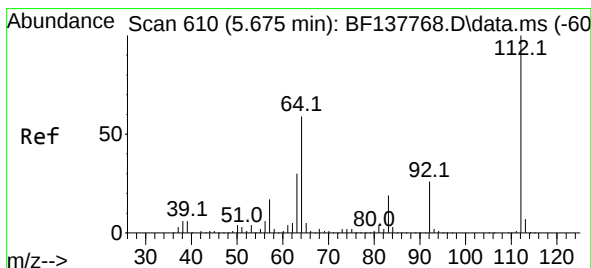
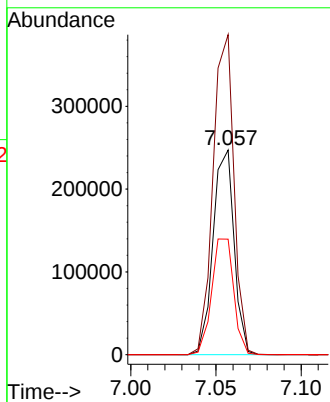
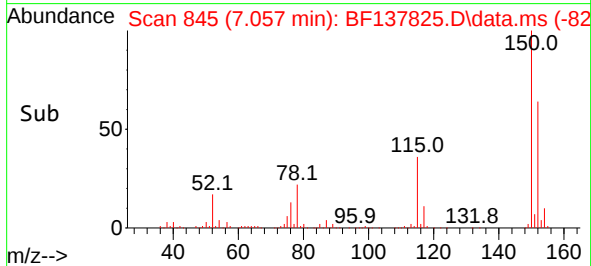


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137825.D
Acq: 02 May 2024 20:28

Instrument :
BNA_F
ClientSampleId :

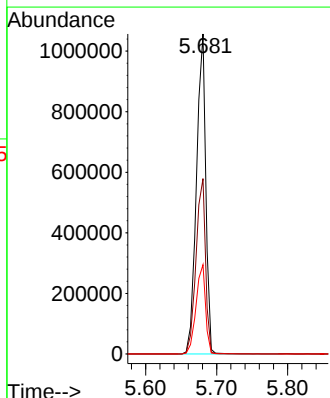
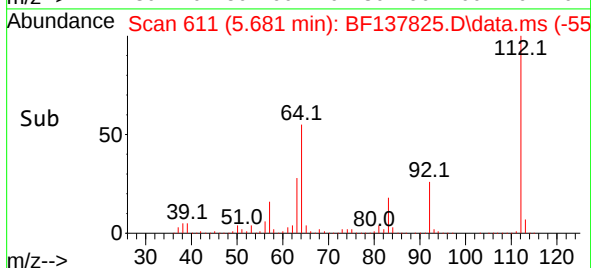
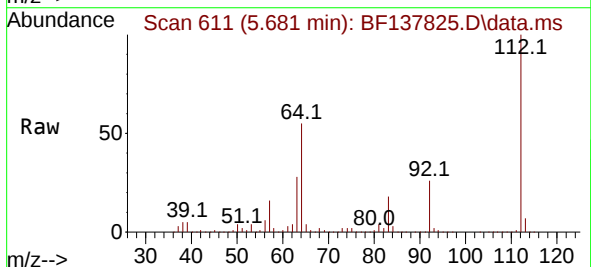


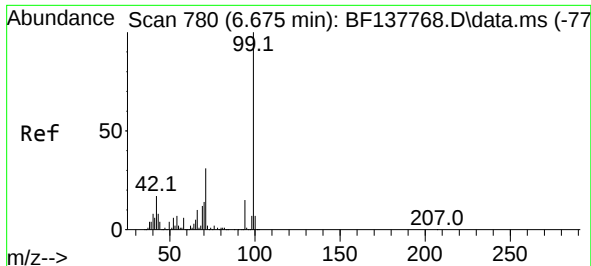
Tgt Ion:152 Resp: 212137
Ion Ratio Lower Upper
152 100
150 156.4 124.1 186.1
115 56.5 49.1 73.7



#5
2-Fluorophenol
Concen: 76.327 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137825.D
Acq: 02 May 2024 20:28

Tgt Ion:112 Resp: 967083
Ion Ratio Lower Upper
112 100
64 54.8 47.3 70.9
63 27.9 23.7 35.5

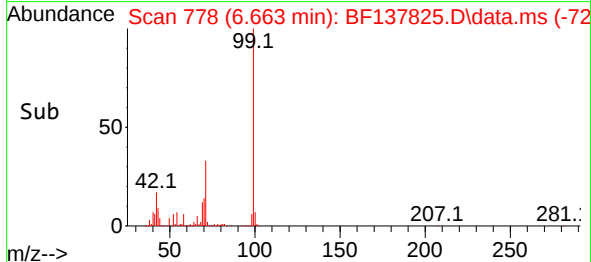
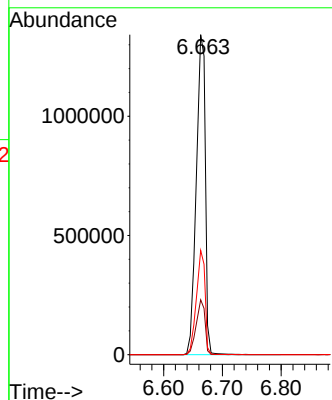
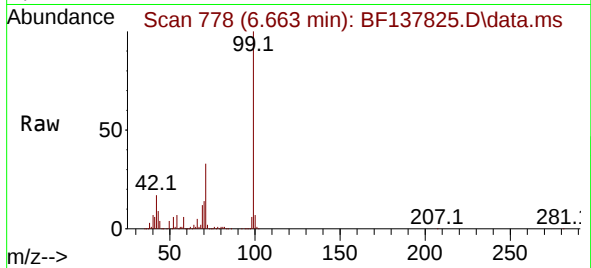




#7
Phenol-d6
Concen: 89.635 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137825.D
Acq: 02 May 2024 20:28

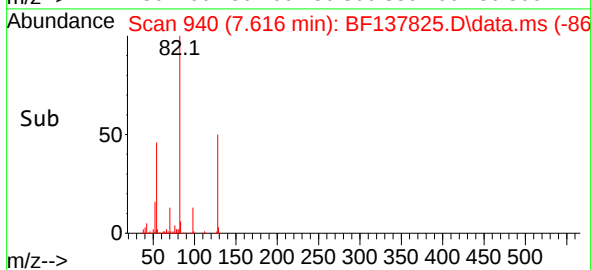
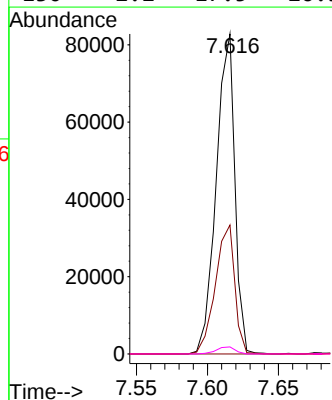
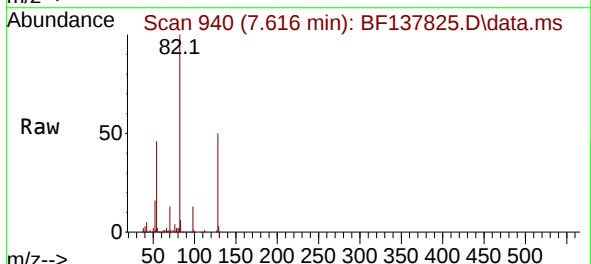
Instrument :
BNA_F
ClientSampleId :

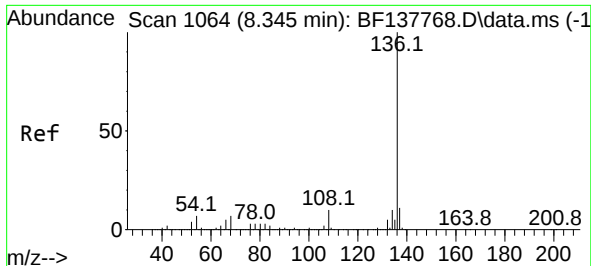
Tgt Ion: 99 Resp: 1440522
Ion Ratio Lower Upper
99 100
42 17.1 13.2 19.8
71 32.6 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 7.846 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137825.D
Acq: 02 May 2024 20:28

Tgt Ion: 70 Resp: 75353
Ion Ratio Lower Upper
70 100
42 40.3 44.6 66.8#
101 0.0 7.8 11.6#
130 2.2 17.5 26.3#



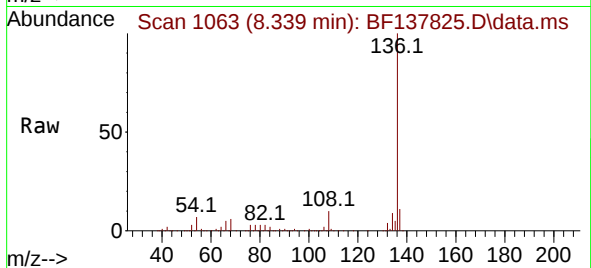


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137825.D
Acq: 02 May 2024 20:28

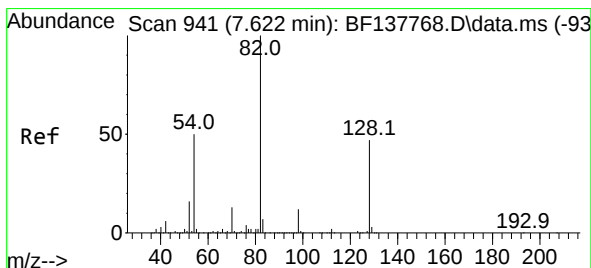
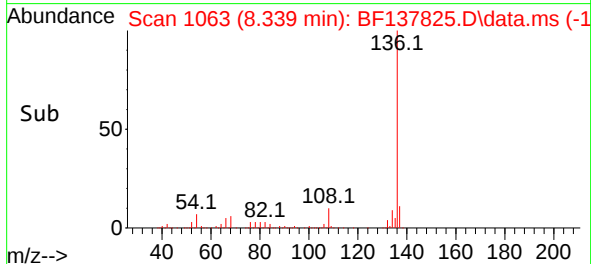
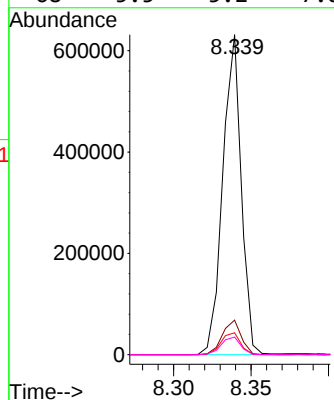
Instrument :

BNA_F

ClientSampleId :

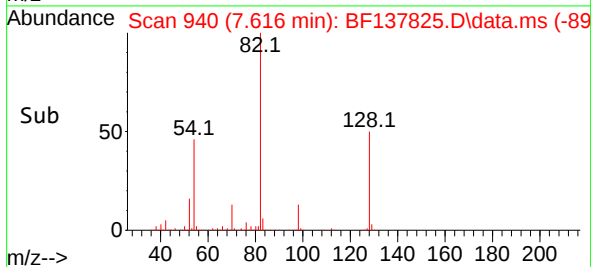
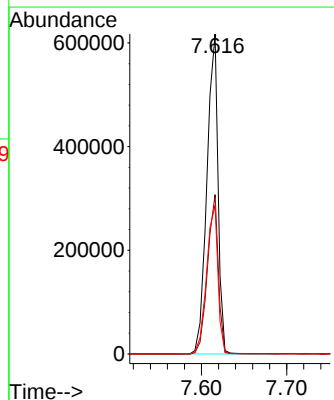
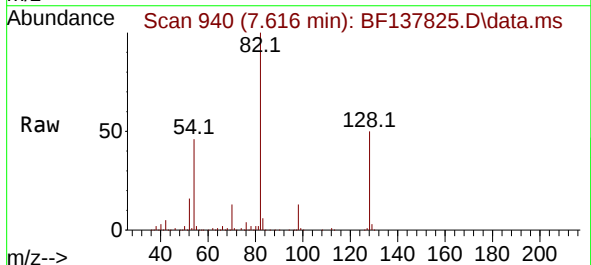


Tgt Ion:136 Resp: 523660
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.8 5.8 8.8
68 5.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 61.979 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137825.D
Acq: 02 May 2024 20:28

Tgt Ion: 82 Resp: 558644
Ion Ratio Lower Upper
82 100
128 49.8 37.5 56.3
54 46.4 39.8 59.6

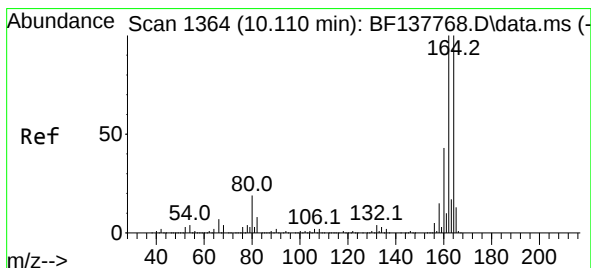
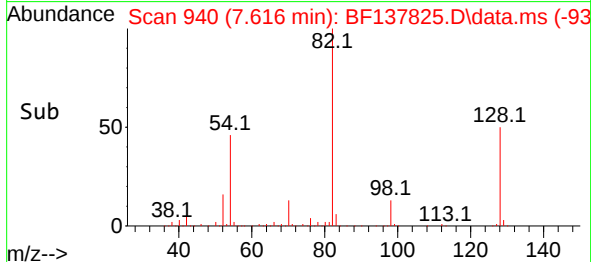
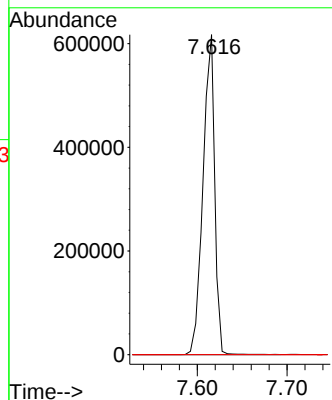
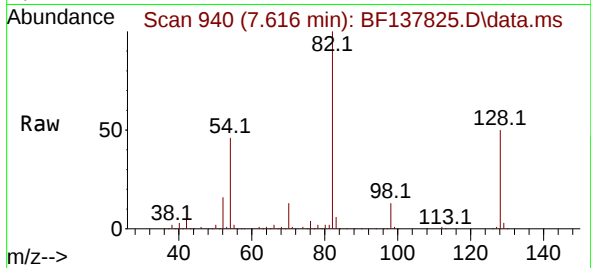




#25
Isophorone
Concen: 34.375 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137825.D
Acq: 02 May 2024 20:28

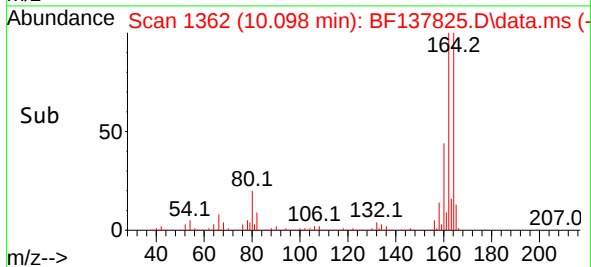
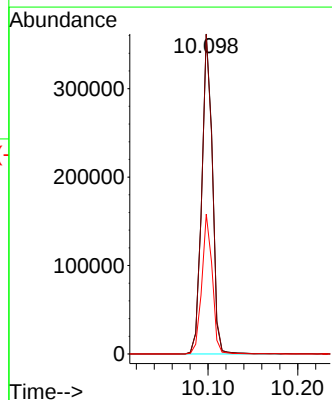
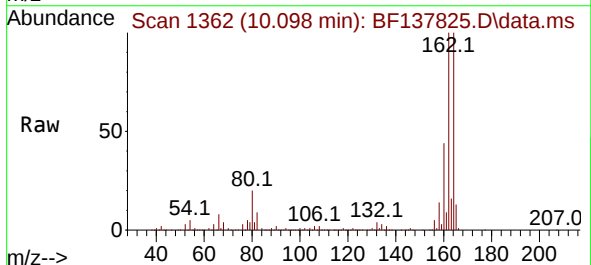
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 558635
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: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137825.D
Acq: 02 May 2024 20:28

Tgt Ion:164 Resp: 296781
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.6
160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 74.096 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.006 min

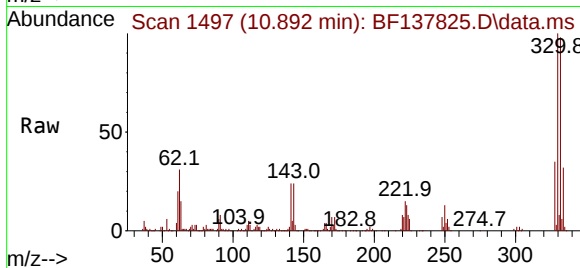
Lab File: BF137825.D

Acq: 02 May 2024 20:28

Instrument :

BNA_F

ClientSampleId :



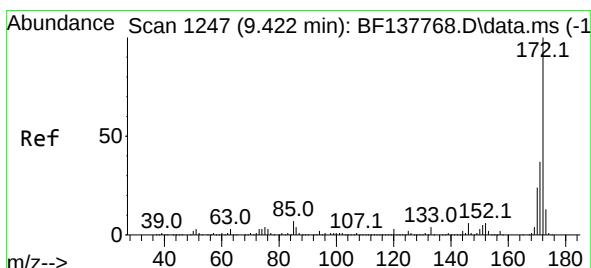
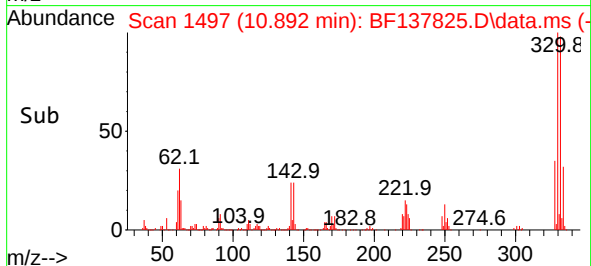
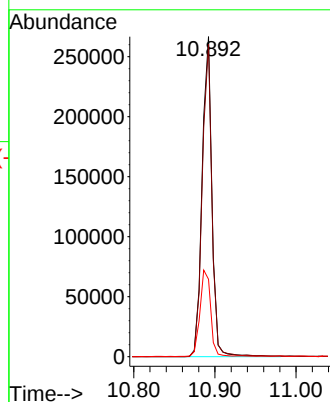
Tgt Ion:330 Resp: 224526

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 29.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 67.515 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137825.D

Acq: 02 May 2024 20:28

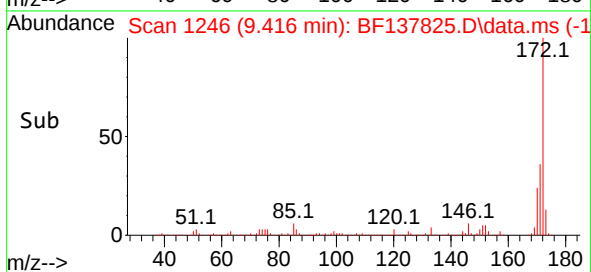
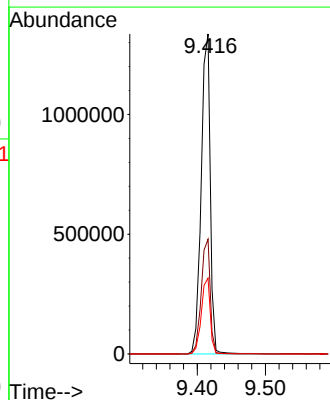
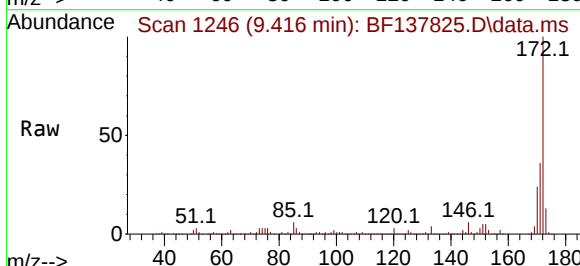
Tgt Ion:172 Resp: 1235069

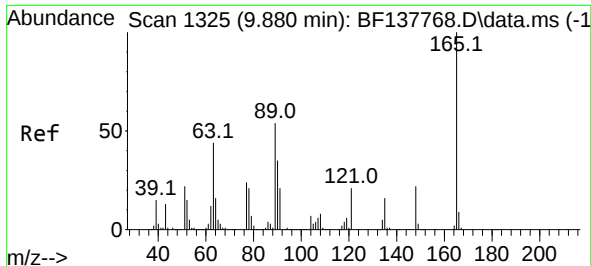
Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

170 23.7 19.4 29.2

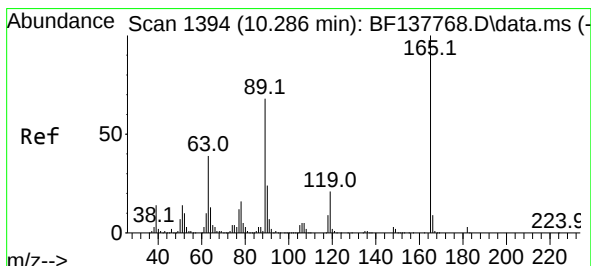
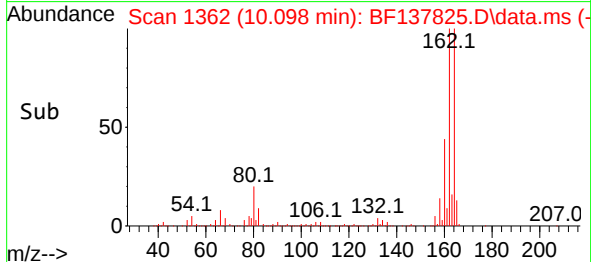
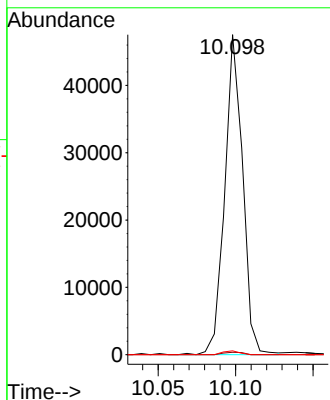
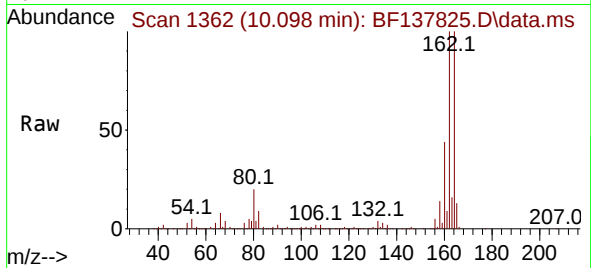




#51
2,6-Dinitrotoluene
Concen: 8.923 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137825.D
Acq: 02 May 2024 20:28

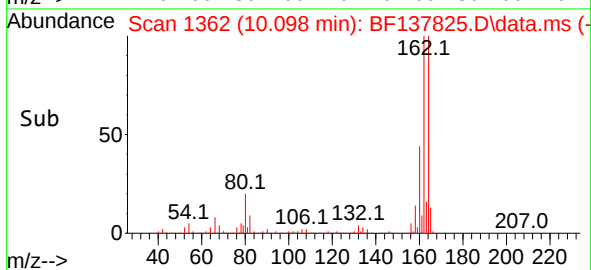
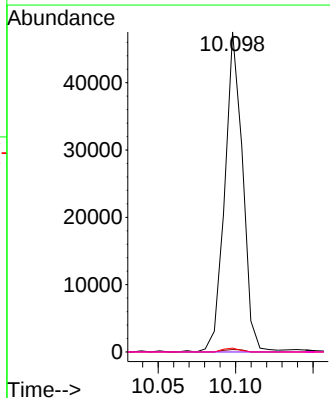
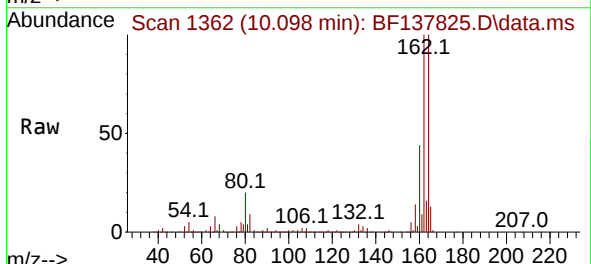
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38205
Ion Ratio Lower Upper
165 100
63 0.7 41.9 62.9#
89 1.2 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.830 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137825.D
Acq: 02 May 2024 20:28

Tgt Ion:165 Resp: 38205
Ion Ratio Lower Upper
165 100
63 0.7 31.3 46.9#
89 1.2 54.2 81.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137825.D

Acq: 02 May 2024 20:28

Instrument :

BNA_F

ClientSampleId :

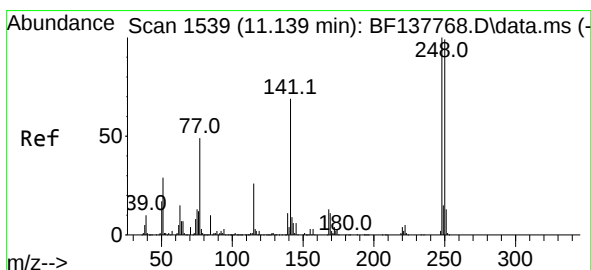
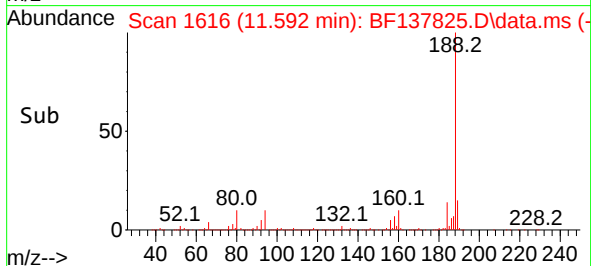
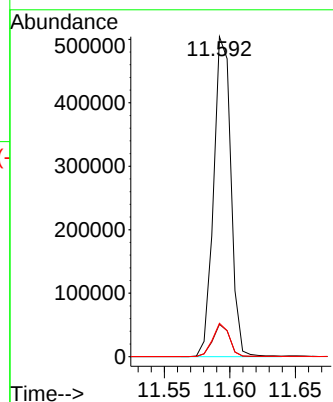
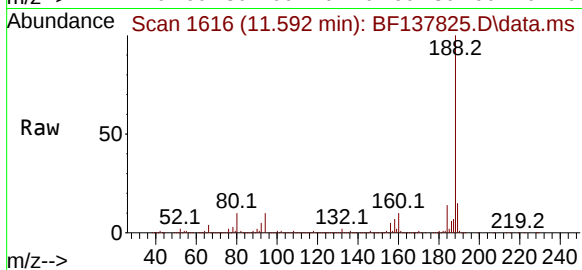
Tgt Ion:188 Resp: 462693

Ion Ratio Lower Upper

188 100

94 10.1 8.8 13.2

80 10.4 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 3.061 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137825.D

Acq: 02 May 2024 20:28

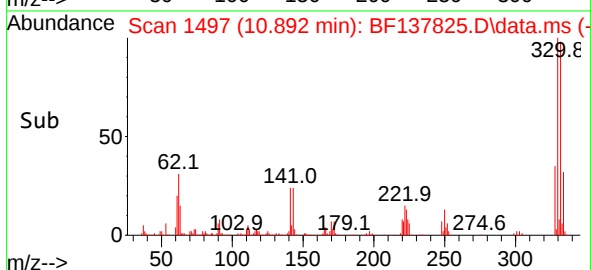
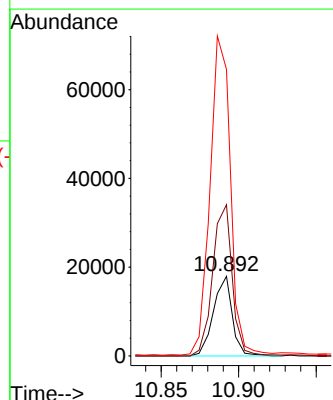
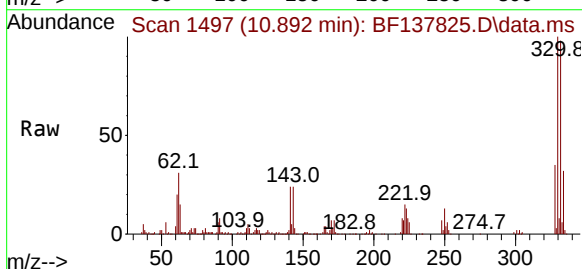
Tgt Ion:248 Resp: 15156

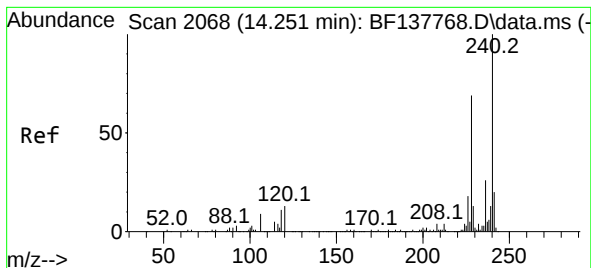
Ion Ratio Lower Upper

248 100

250 189.9 79.1 118.7#

141 359.8 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137825.D

Acq: 02 May 2024 20:28

Instrument :

BNA_F

ClientSampleId :

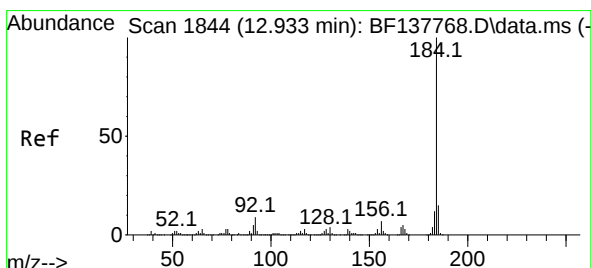
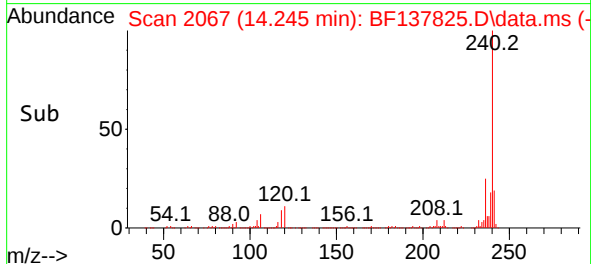
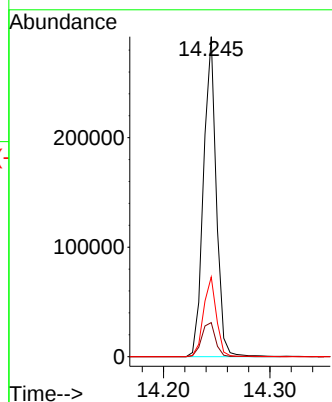
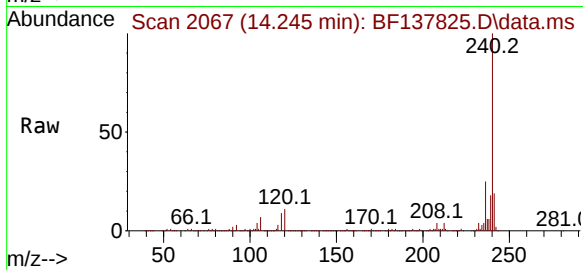
Tgt Ion:240 Resp: 244359

Ion Ratio Lower Upper

240 100

120 10.6 10.4 15.6

236 24.9 20.4 30.6



#77

Benzidine

Concen: 2.367 ng

RT: 13.180 min Scan# 1886

Delta R.T. 0.247 min

Lab File: BF137825.D

Acq: 02 May 2024 20:28

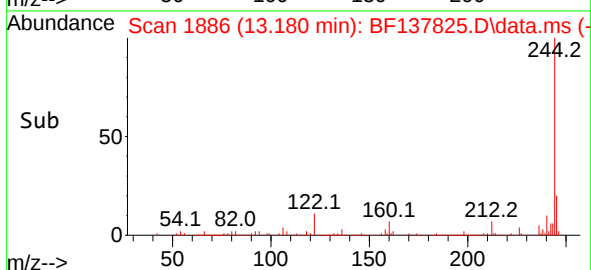
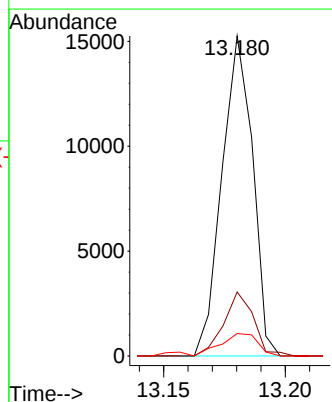
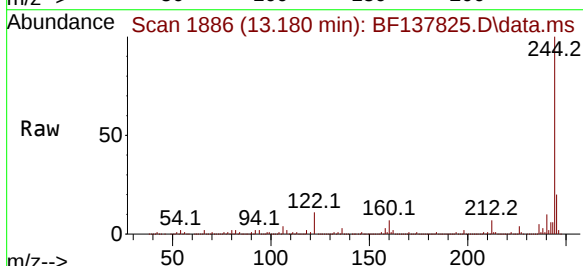
Tgt Ion:184 Resp: 13379

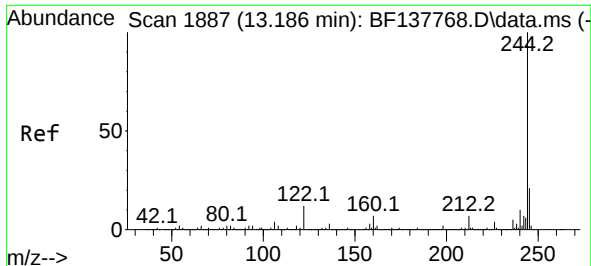
Ion Ratio Lower Upper

184 100

185 20.0 12.3 18.5#

183 7.0 9.2 13.8#



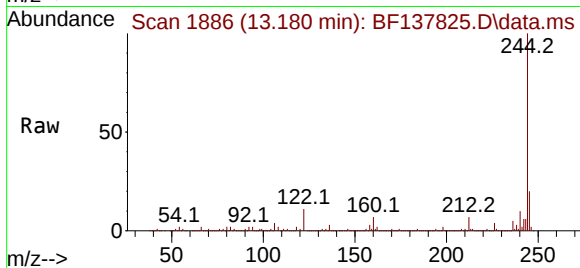


#79
 Terphenyl-d14
 Concen: 75.468 ng
 RT: 13.180 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137825.D
 Acq: 02 May 2024 20:28

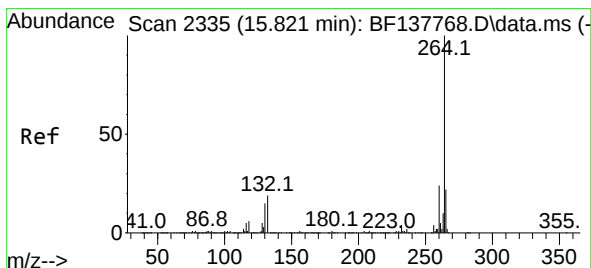
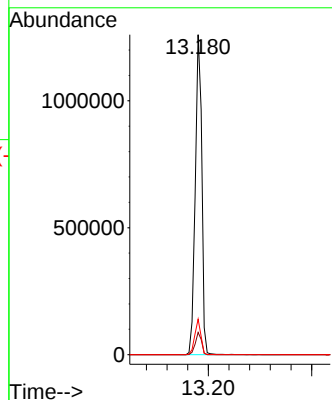
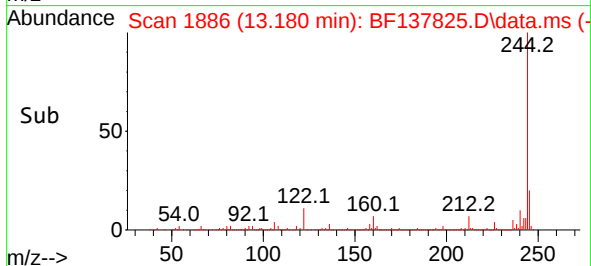
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:244 Resp: 1100405
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.1 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.815 min Scan# 2334
 Delta R.T. -0.006 min
 Lab File: BF137825.D
 Acq: 02 May 2024 20:28

Tgt Ion:264 Resp: 272678
 Ion Ratio Lower Upper
 264 100
 260 21.8 18.9 28.3
 265 21.4 17.4 26.0

