

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138767.D
 Acq On : 03 Aug 2024 13:37
 Operator : RC/JU
 Sample : P3393-27
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-01-072624

Quant Time: Aug 05 00:50:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

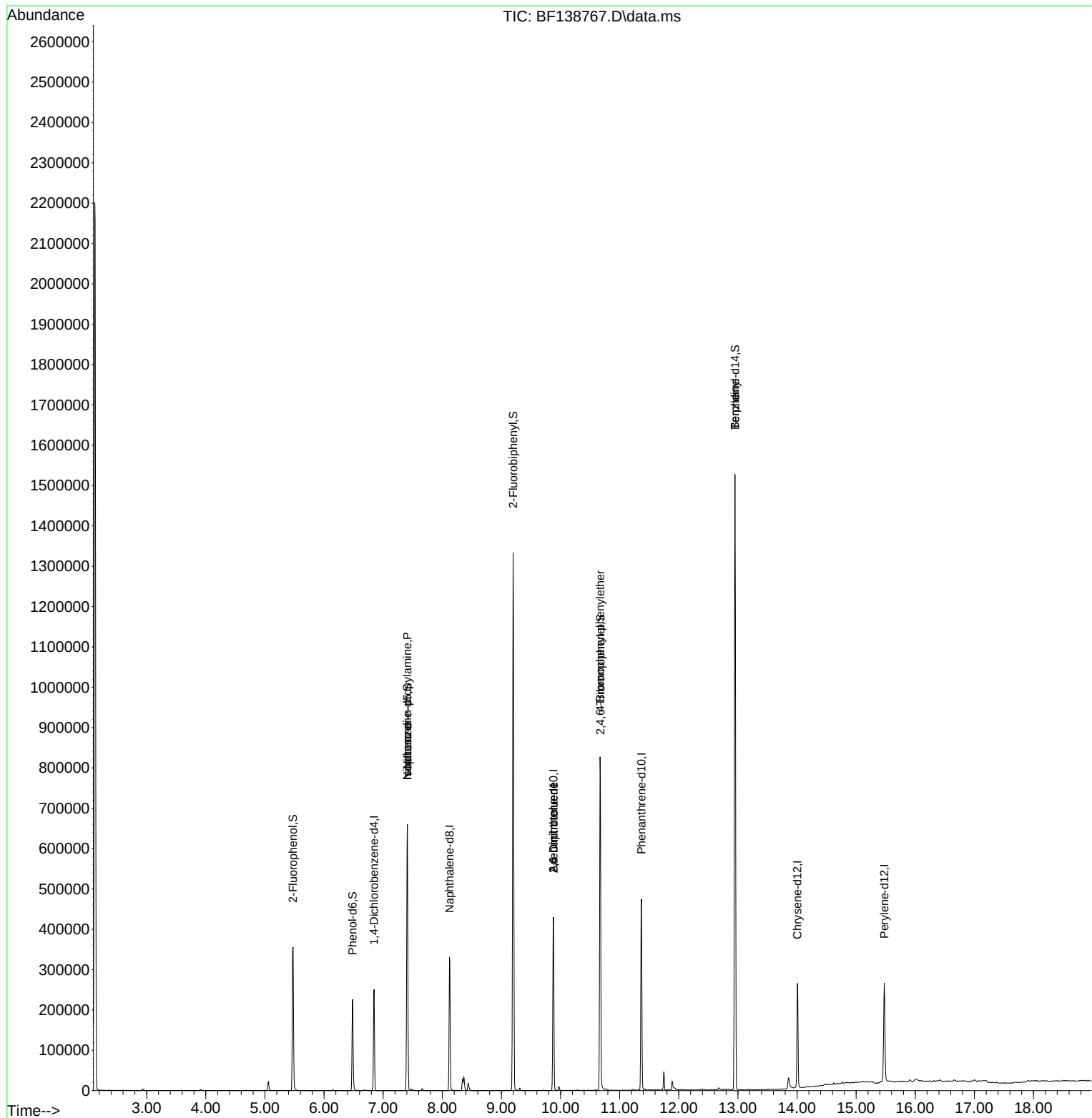
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	48417	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	202547	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	128640	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	246963	20.000	ng	0.00
76) Chrysene-d12	14.004	240	124350	20.000	ng	0.00
86) Perylene-d12	15.474	264	136572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	125512	40.016	ng	0.00
7) Phenol-d6	6.481	99	100824	23.942	ng	0.00
23) Nitrobenzene-d5	7.410	82	293943	70.953	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	125066	118.688	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	565508	66.051	ng	0.00
79) Terphenyl-d14	12.951	244	712684	95.957	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	40074	15.756	ng	# 72
25) Isophorone	7.410	82	293025	41.423	ng	# 66
51) 2,6-Dinitrotoluene	9.881	165	16183	8.718	ng	# 21
57) 2,4-Dinitrotoluene	9.881	165	16183	6.833	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	9080	3.396	ng	# 1
77) Benzydine	12.951	184	9817	3.301	ng	# 93

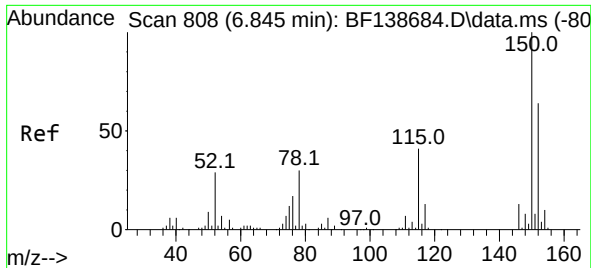
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
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ALS Vial : 10 Sample Multiplier: 1

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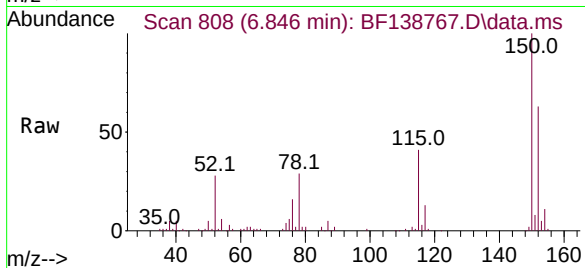
Quant Time: Aug 05 00:50:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
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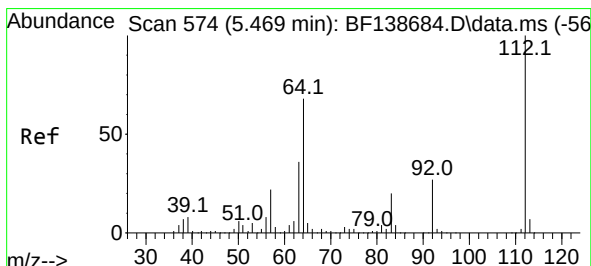
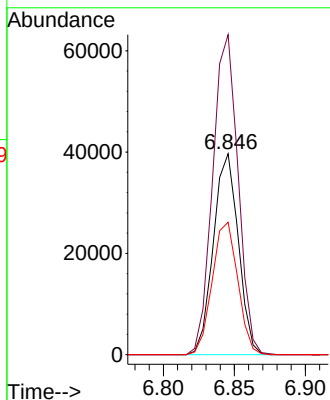
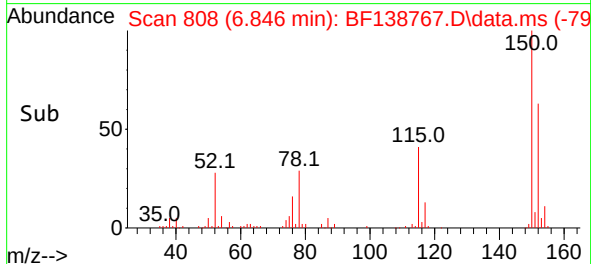


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF138767.D
Acq: 03 Aug 2024 13:37

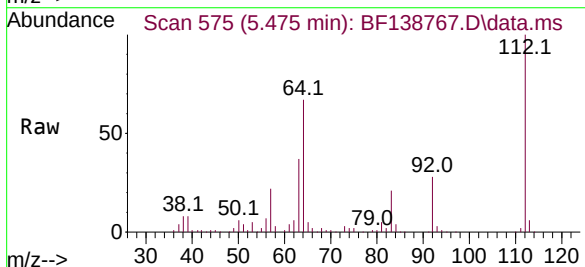
Instrument :
BNA_F
ClientSampleId :
EB-01-072624



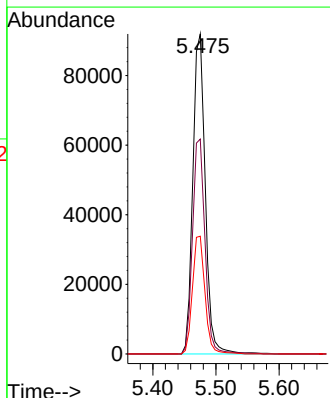
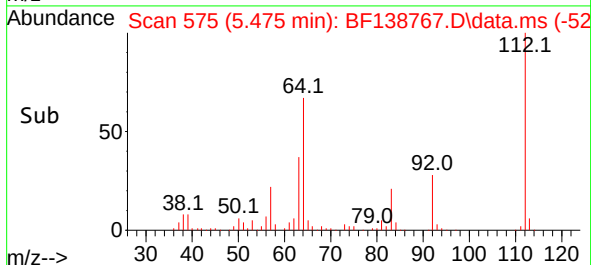
Tgt Ion:152 Resp: 48417
Ion Ratio Lower Upper
152 100
150 159.2 126.0 189.0
115 65.9 51.7 77.5

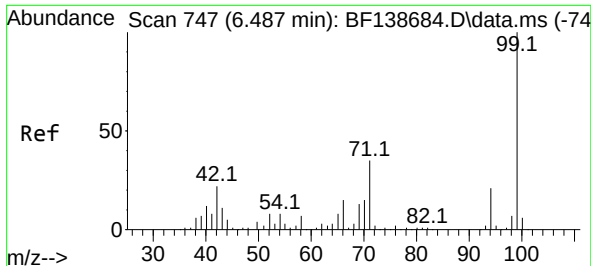


#5
2-Fluorophenol
Concen: 40.016 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138767.D
Acq: 03 Aug 2024 13:37



Tgt Ion:112 Resp: 125512
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 36.8 28.7 43.1

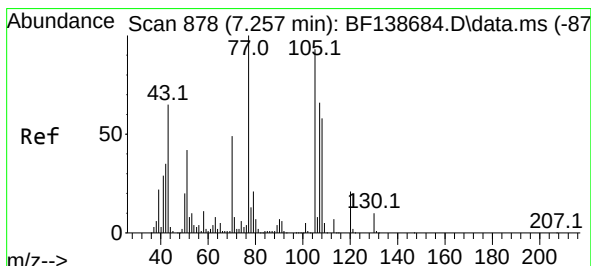
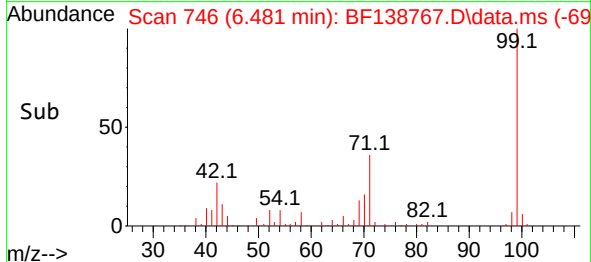
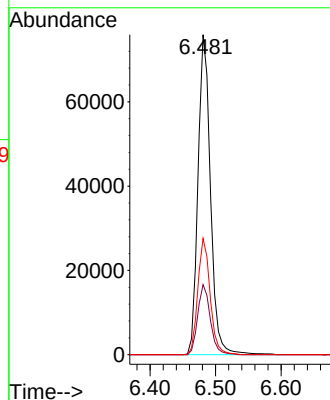
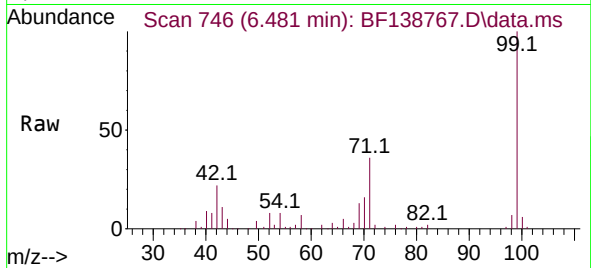




#7
Phenol-d6
Concen: 23.942 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138767.D
Acq: 03 Aug 2024 13:37

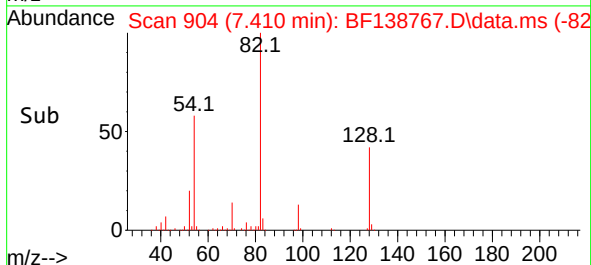
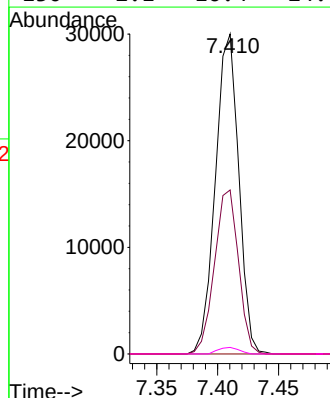
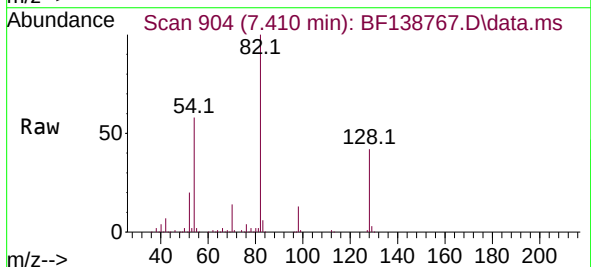
Instrument :
BNA_F
ClientSampleId :
EB-01-072624

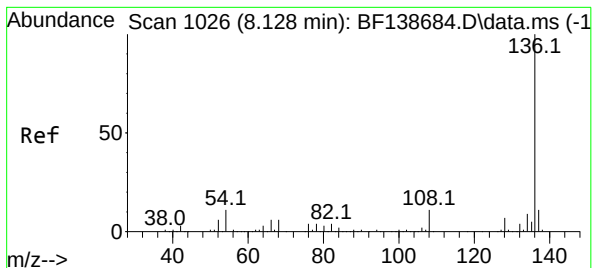
Tgt Ion: 99 Resp: 100824
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 36.4 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 15.756 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138767.D
Acq: 03 Aug 2024 13:37

Tgt Ion: 70 Resp: 40074
Ion Ratio Lower Upper
70 100
42 51.2 57.4 86.0#
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138767.D

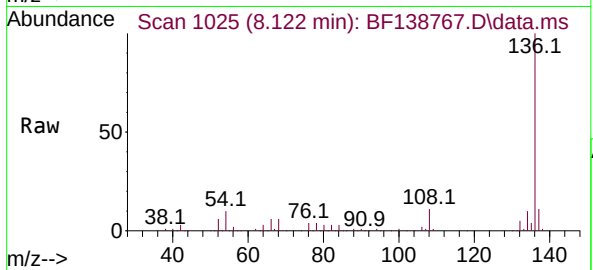
Acq: 03 Aug 2024 13:37

Instrument :

BNA_F

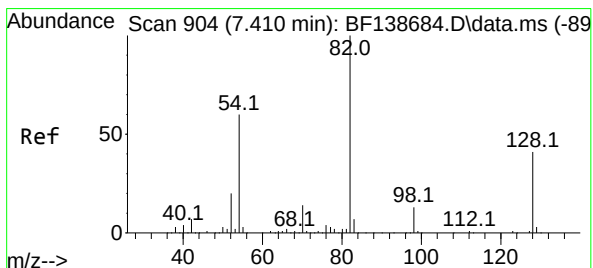
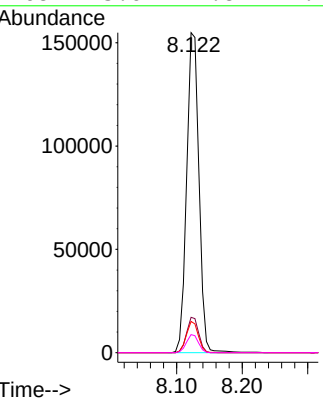
ClientSampleId :

EB-01-072624



Tgt Ion:136 Resp: 202547

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.7	8.6	12.8
68	5.6	4.8	7.2



#23

Nitrobenzene-d5

Concen: 70.953 ng

RT: 7.410 min Scan# 904

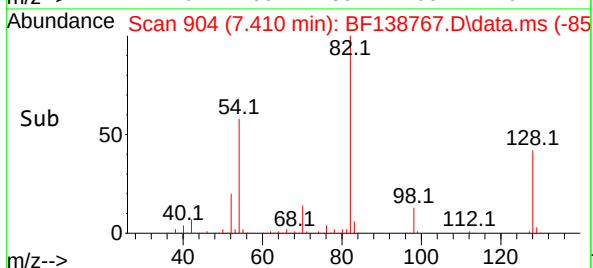
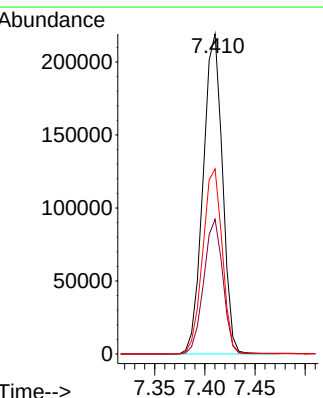
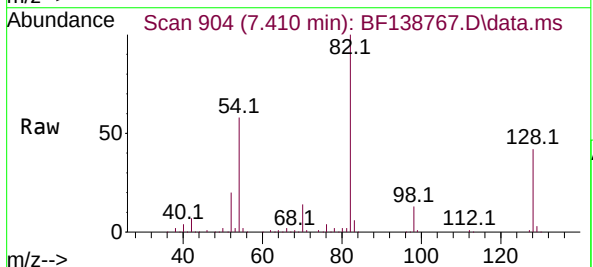
Delta R.T. 0.000 min

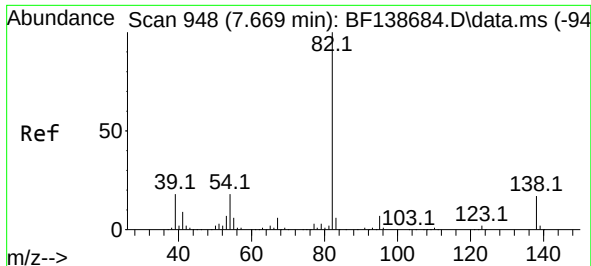
Lab File: BF138767.D

Acq: 03 Aug 2024 13:37

Tgt Ion: 82 Resp: 293943

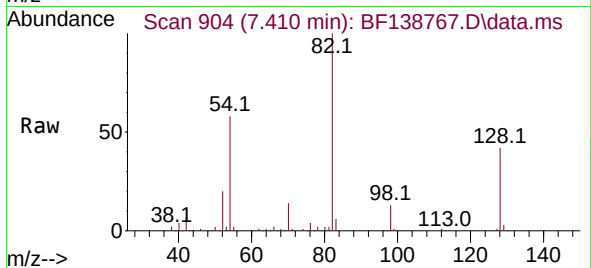
Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.8	49.2
54	57.9	48.3	72.5



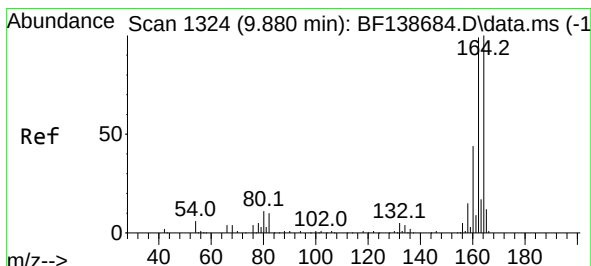
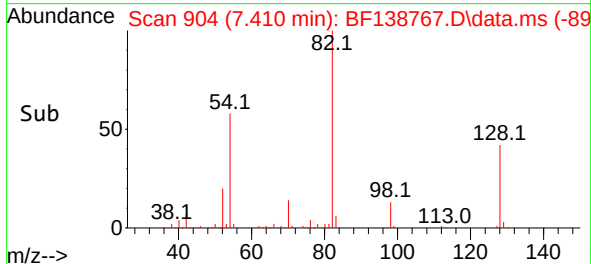
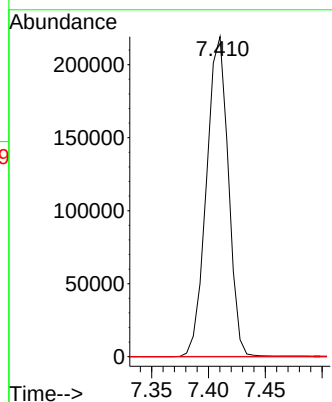


#25
Isophorone
Concen: 41.423 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138767.D
Acq: 03 Aug 2024 13:37

Instrument :
BNA_F
ClientSampleId :
EB-01-072624

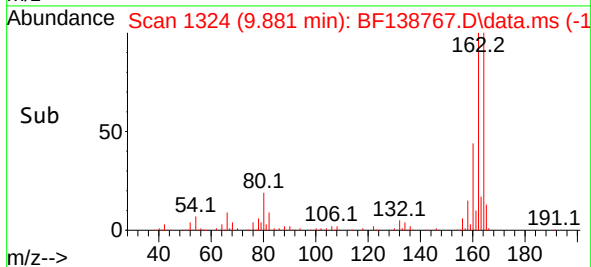
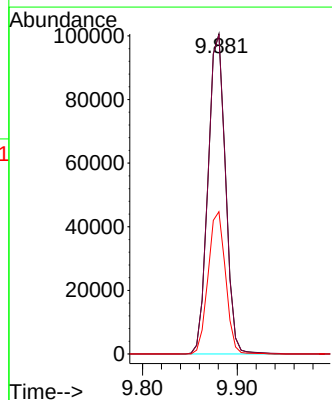
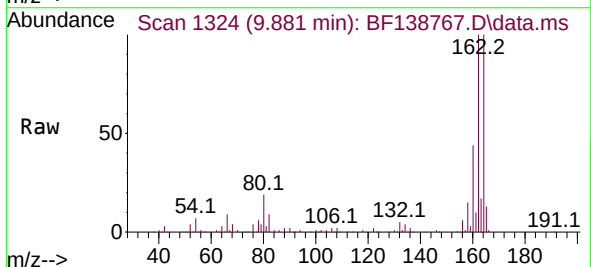


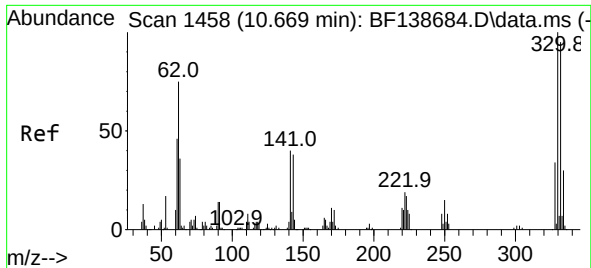
Tgt Ion: 82 Resp: 293025
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF138767.D
Acq: 03 Aug 2024 13:37

Tgt Ion: 164 Resp: 128640
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 44.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 118.688 ng

RT: 10.675 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF138767.D

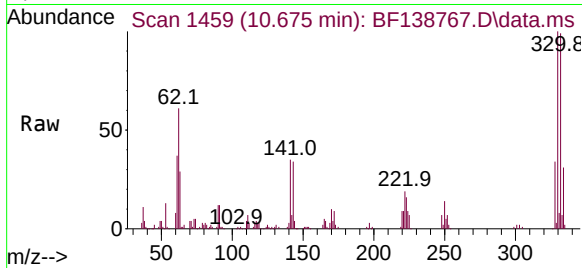
Acq: 03 Aug 2024 13:37

Instrument :

BNA_F

ClientSampleId :

EB-01-072624



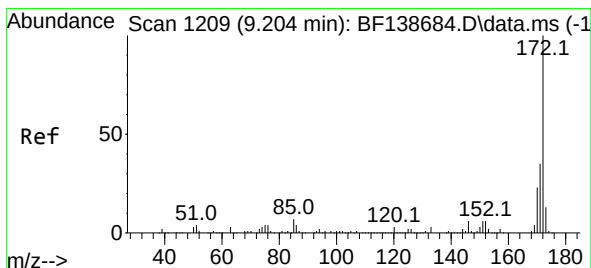
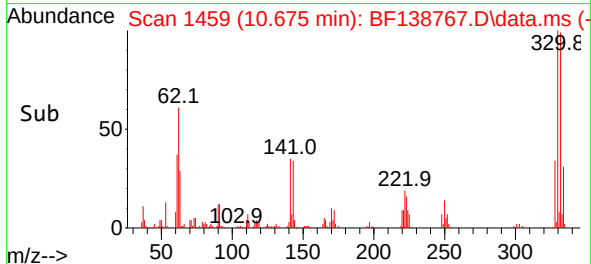
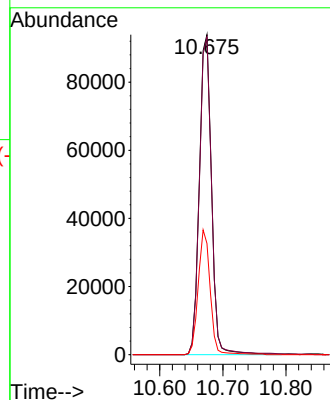
Tgt Ion:330 Resp: 125066

Ion Ratio Lower Upper

330 100

332 99.8 76.4 114.6

141 38.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 66.051 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138767.D

Acq: 03 Aug 2024 13:37

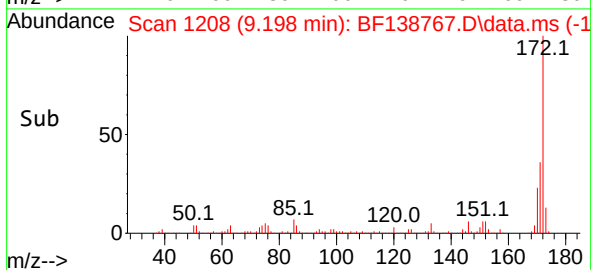
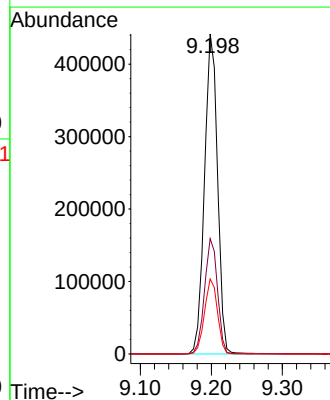
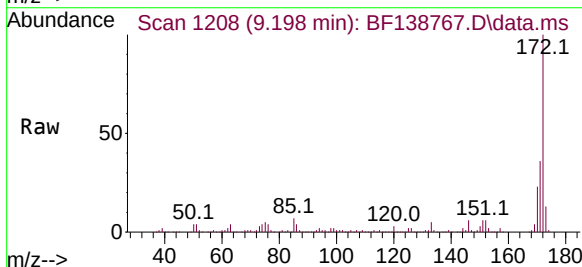
Tgt Ion:172 Resp: 565508

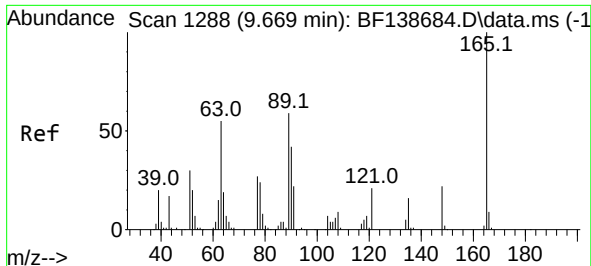
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.4 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.718 ng

RT: 9.881 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF138767.D

Acq: 03 Aug 2024 13:37

Instrument :

BNA_F

ClientSampleId :

EB-01-072624

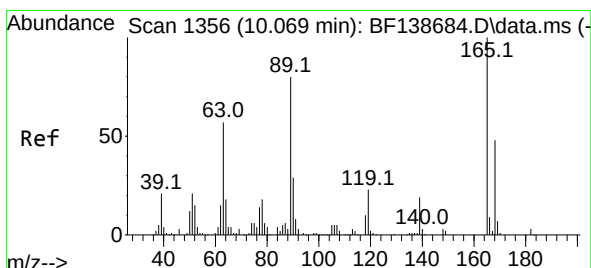
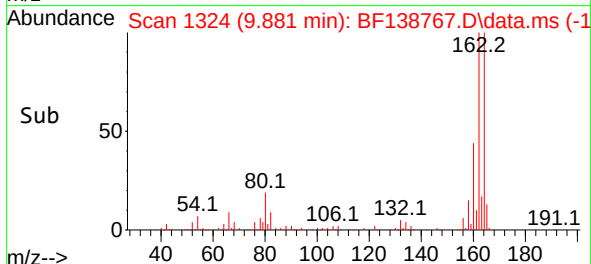
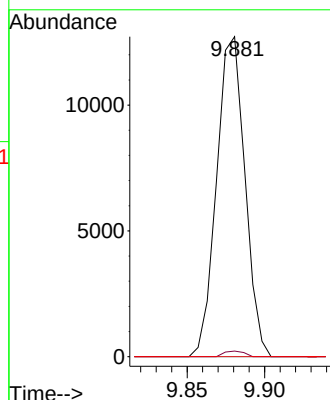
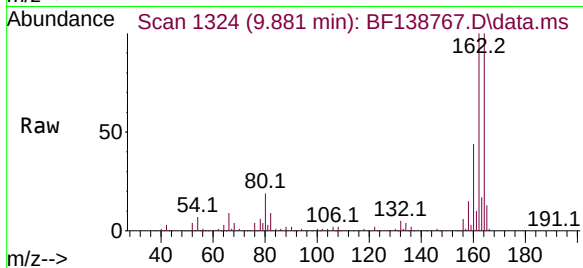
Tgt Ion:165 Resp: 16183

Ion Ratio Lower Upper

165 100

63 1.7 52.0 78.0#

89 0.0 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 6.833 ng

RT: 9.881 min Scan# 1324

Delta R.T. -0.188 min

Lab File: BF138767.D

Acq: 03 Aug 2024 13:37

Tgt Ion:165 Resp: 16183

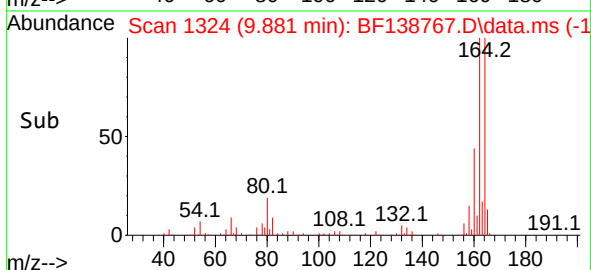
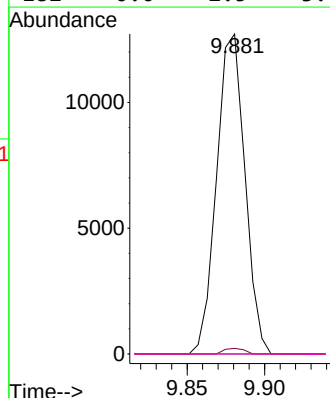
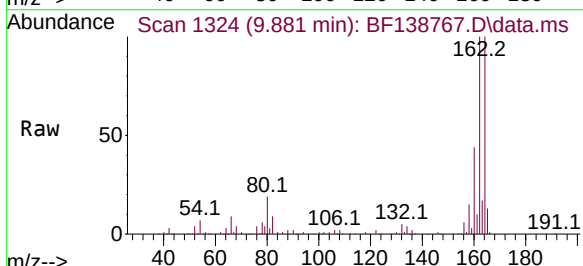
Ion Ratio Lower Upper

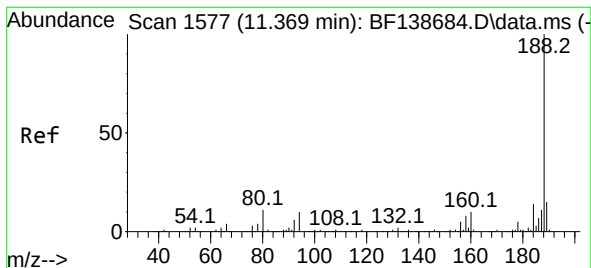
165 100

63 1.7 46.3 69.5#

89 0.0 64.2 96.4#

182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138767.D

Acq: 03 Aug 2024 13:37

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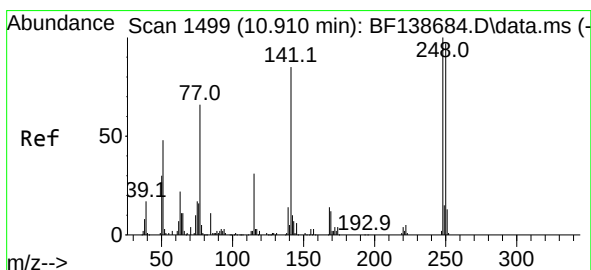
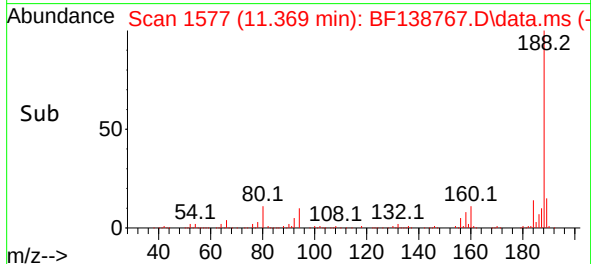
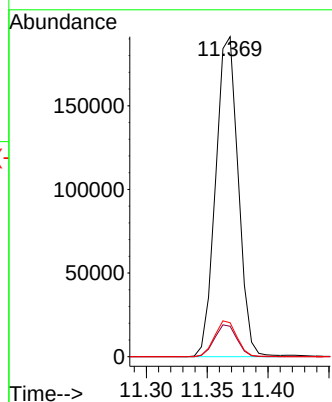
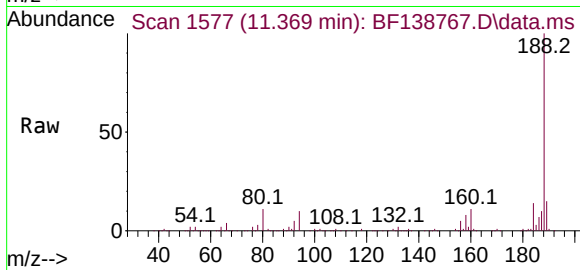
Tgt Ion:188 Resp: 246963

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 10.6 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.396 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138767.D

Acq: 03 Aug 2024 13:37

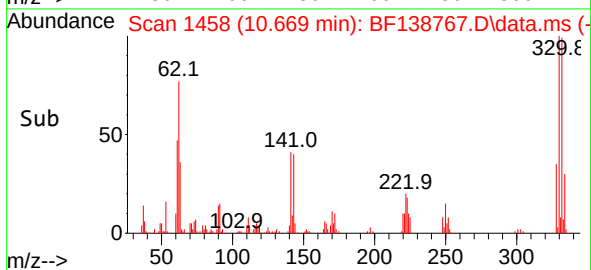
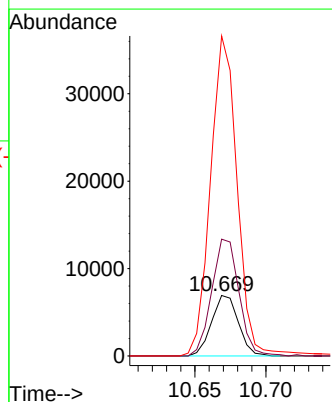
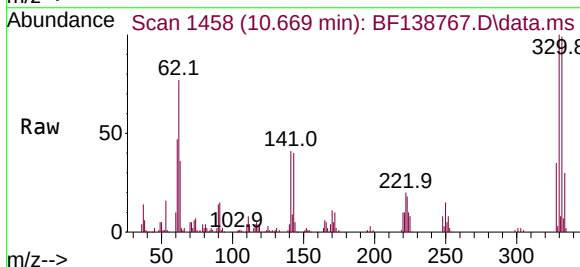
Tgt Ion:248 Resp: 9080

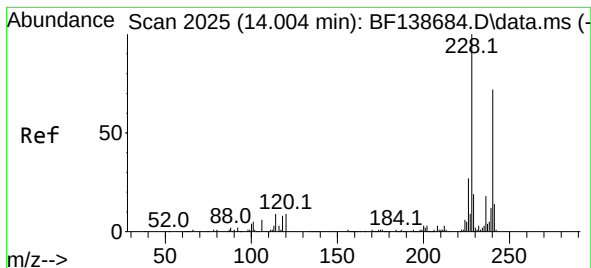
Ion Ratio Lower Upper

248 100

250 193.0 77.7 116.5#

141 528.9 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF138767.D

Acq: 03 Aug 2024 13:37

Instrument :

BNA_F

ClientSampleId :

EB-01-072624

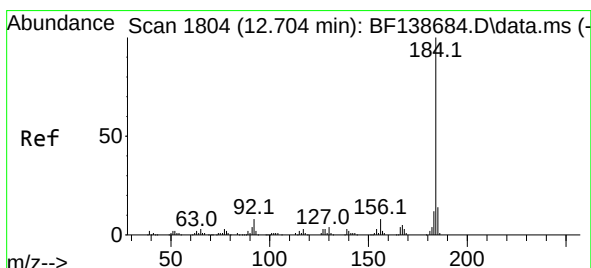
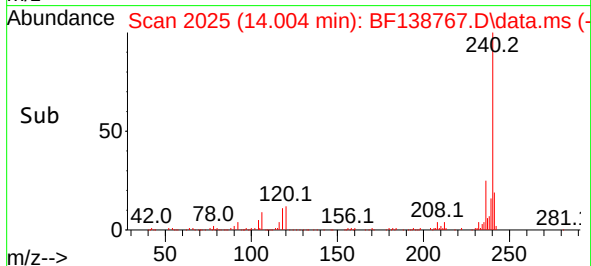
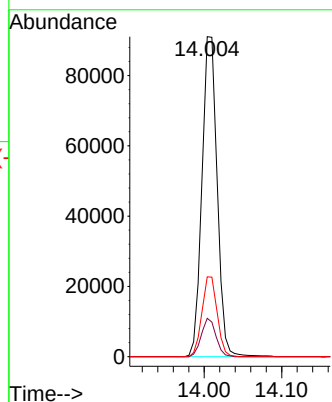
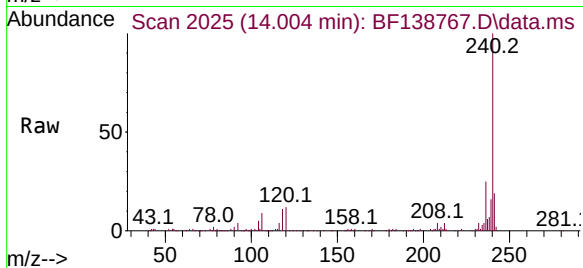
Tgt Ion:240 Resp: 124350

Ion Ratio Lower Upper

240 100

120 12.0 10.2 15.4

236 24.9 19.8 29.8



#77

Benzidine

Concen: 3.301 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.247 min

Lab File: BF138767.D

Acq: 03 Aug 2024 13:37

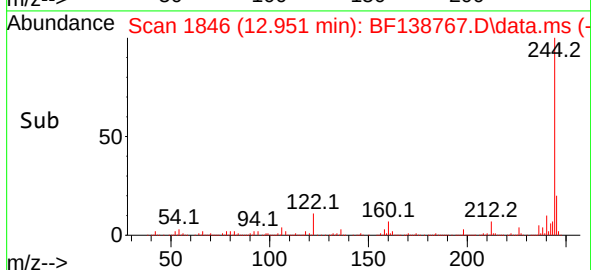
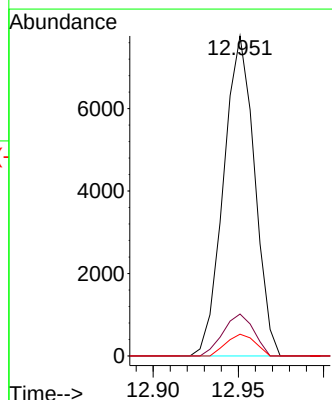
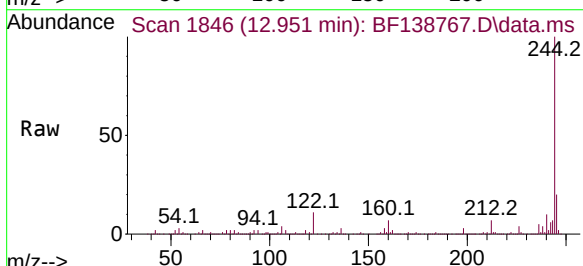
Tgt Ion:184 Resp: 9817

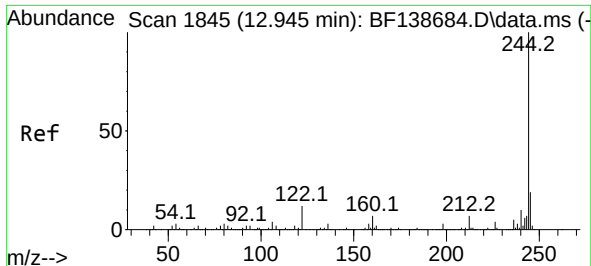
Ion Ratio Lower Upper

184 100

185 13.1 11.1 16.7

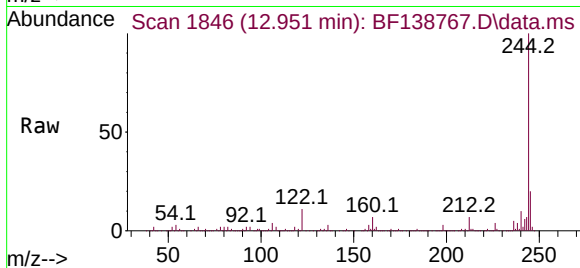
183 6.8 9.6 14.4#



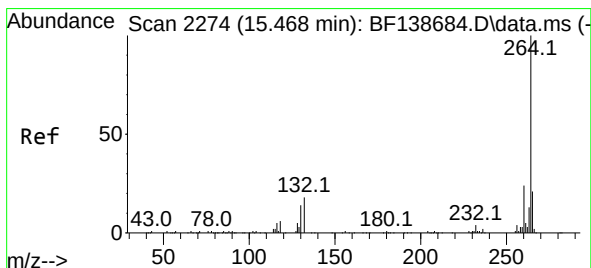
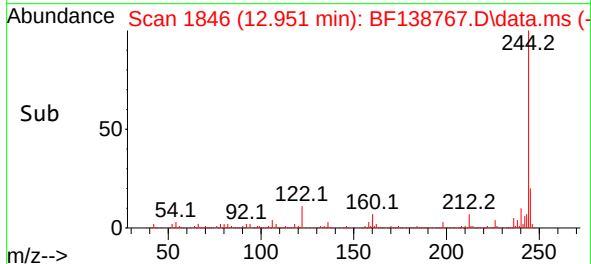
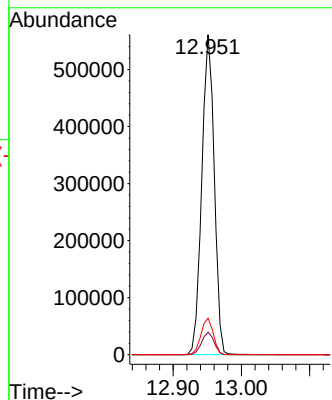


#79
 Terphenyl-d14
 Concen: 95.957 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138767.D
 Acq: 03 Aug 2024 13:37

Instrument :
 BNA_F
 ClientSampleId :
 EB-01-072624



Tgt Ion:244 Resp: 712684
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.4 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: BF138767.D
 Acq: 03 Aug 2024 13:37

Tgt Ion:264 Resp: 136572
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.2 17.0 25.6

