

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138942.D
 Acq On : 12 Aug 2024 19:28
 Operator : RC/JU
 Sample : PB162639BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162639BL

Quant Time: Aug 13 01:00:32 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)

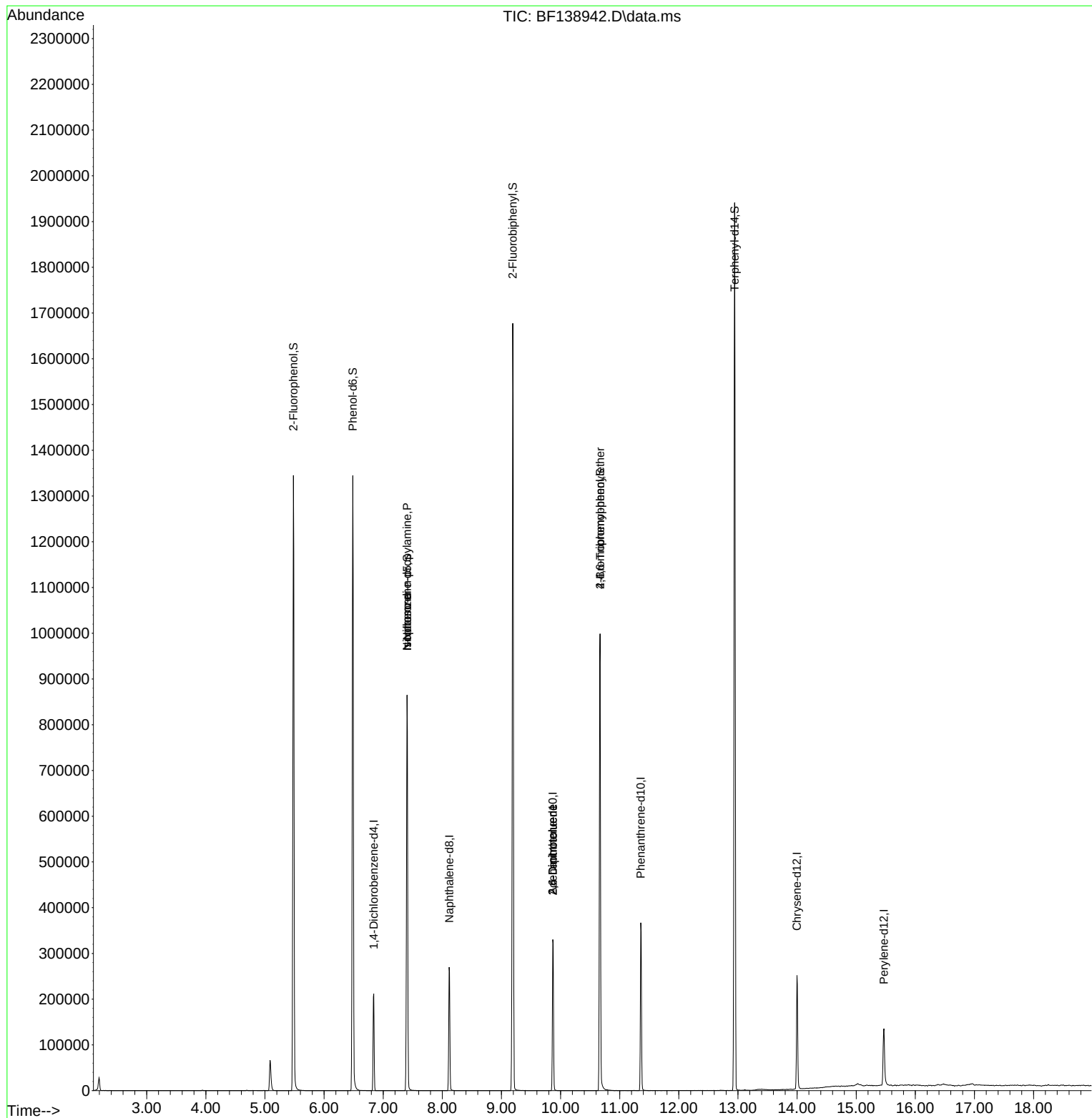
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	40668	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	173070	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	99786	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	190310	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	120240	20.000	ng	0.00
86) Perylene-d12	15.468	264	85558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	454239	172.417	ng	0.01
7) Phenol-d6	6.487	99	602117	170.227	ng	0.00
23) Nitrobenzene-d5	7.404	82	397926	112.412	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	151353	185.168	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	748127	112.647	ng	-0.01
79) Terphenyl-d14	12.945	244	952293	132.601	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	54801	25.652	ng	# 78
25) Isophorone	7.404	82	397922	65.832	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12803	8.891	ng	# 22
57) 2,4-Dinitrotoluene	9.869	165	12803	6.969	ng	# 19
67) 4-Bromophenyl-phenylether	10.669	248	10704	5.195	ng	# 1

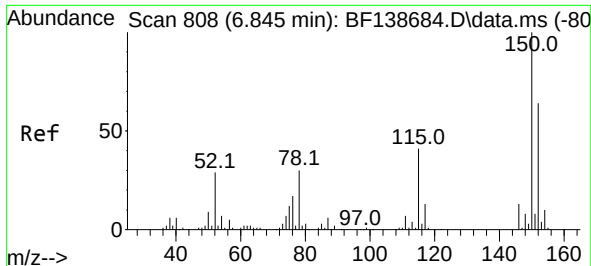
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
Data File : BF138942.D
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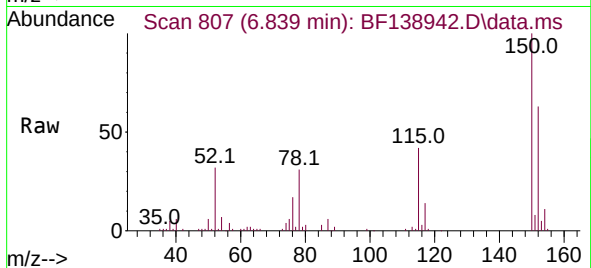
Quant Time: Aug 13 01:00:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



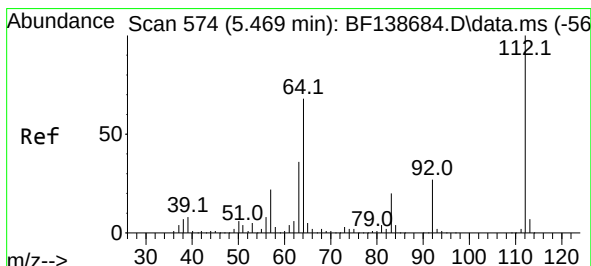
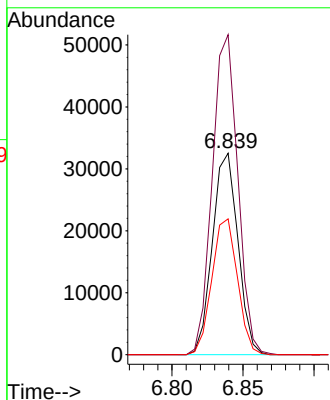
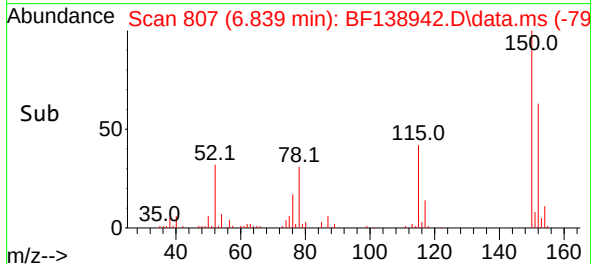


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28

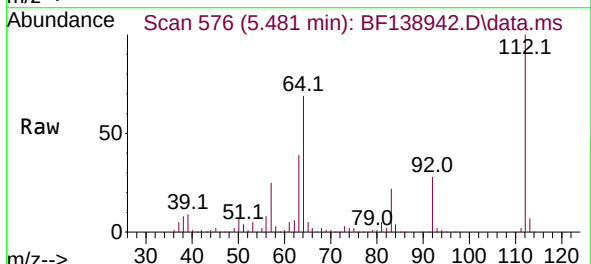
Instrument :
BNA_F
ClientSampleId :
PB162639BL



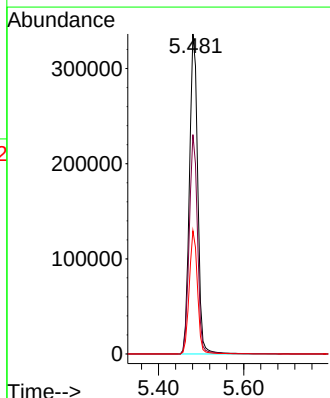
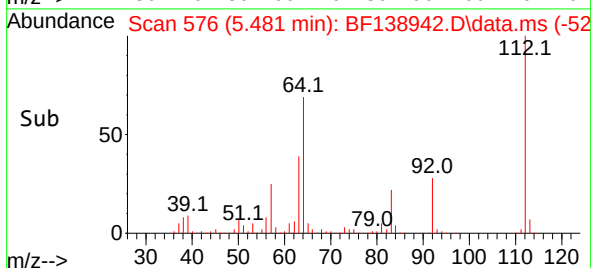
Tgt Ion:152 Resp: 40668
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 67.4 51.7 77.5

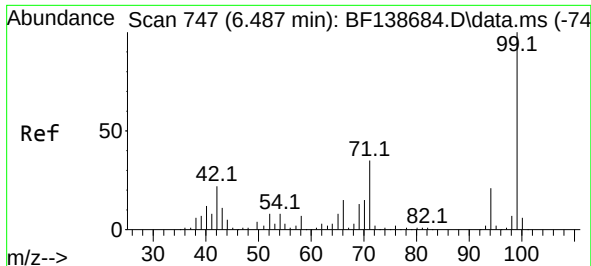


#5
2-Fluorophenol
Concen: 172.417 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28



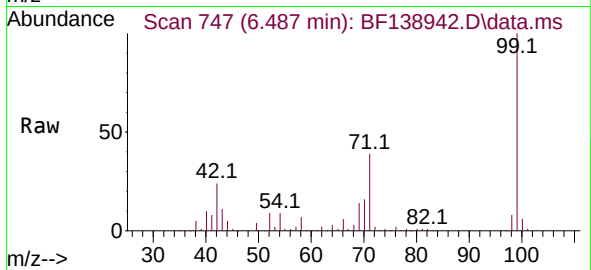
Tgt Ion:112 Resp: 454239
Ion Ratio Lower Upper
112 100
64 68.6 54.2 81.4
63 38.5 28.7 43.1



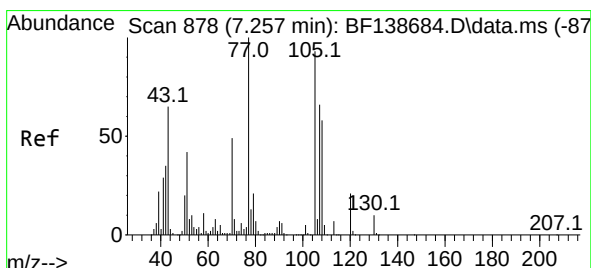
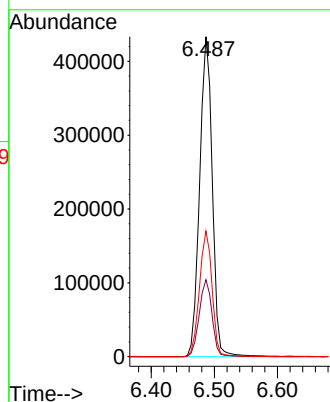
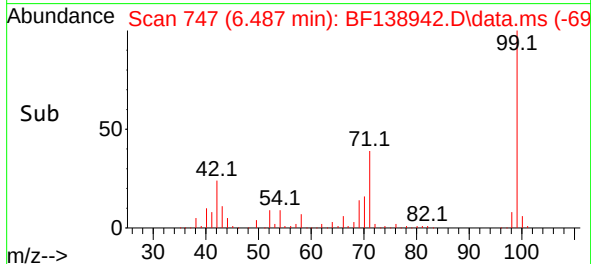


#7
Phenol-d6
Concen: 170.227 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28

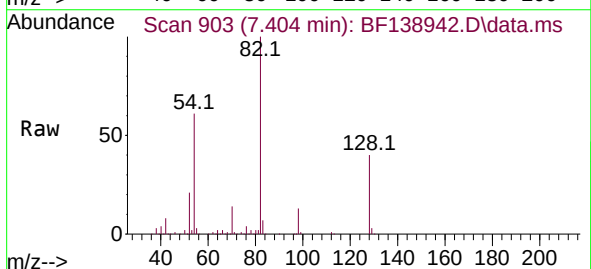
Instrument :
BNA_F
ClientSampleId :
PB162639BL



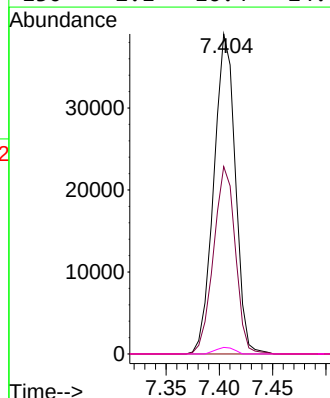
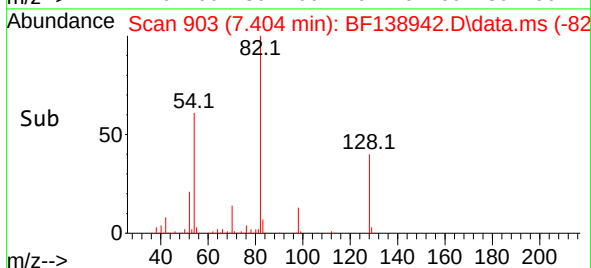
Tgt Ion: 99 Resp: 602117
Ion Ratio Lower Upper
99 100
42 24.1 17.4 26.0
71 39.2 28.1 42.1

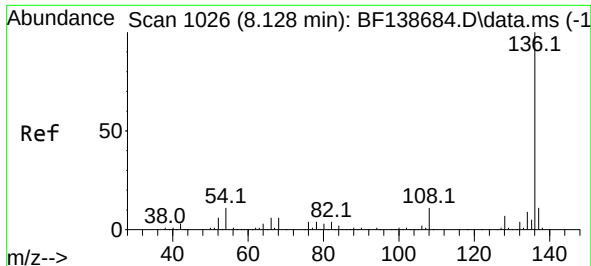


#19
n-Nitroso-di-n-propylamine
Concen: 25.652 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28



Tgt Ion: 70 Resp: 54801
Ion Ratio Lower Upper
70 100
42 58.5 57.4 86.0
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#





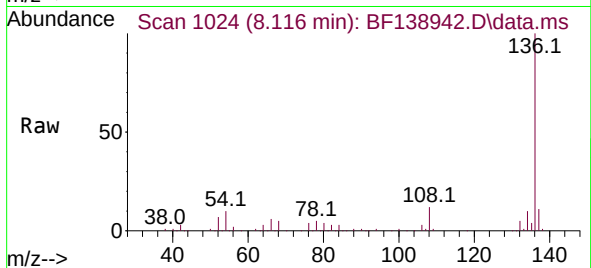
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28

Instrument :

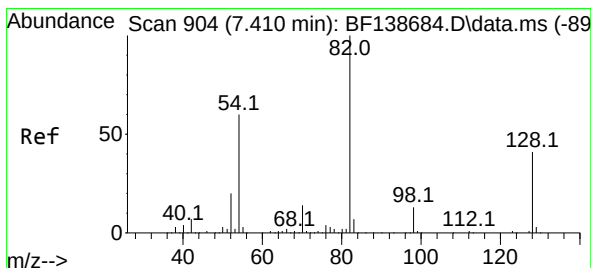
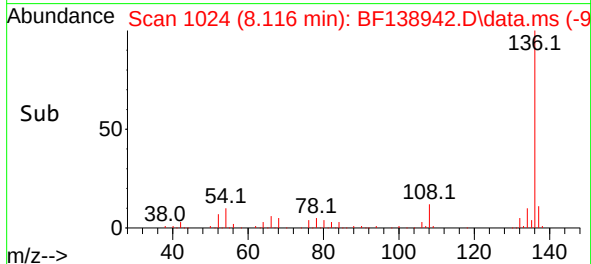
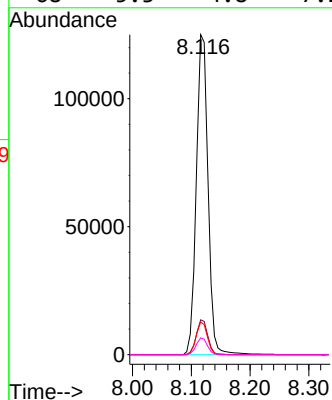
BNA_F

ClientSampleId :

PB162639BL

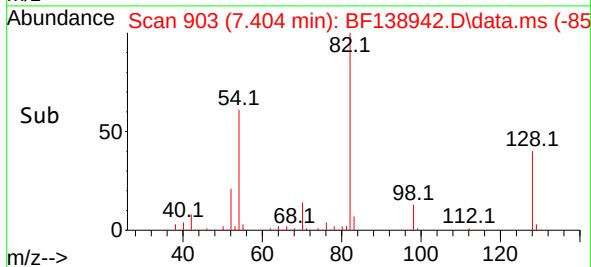
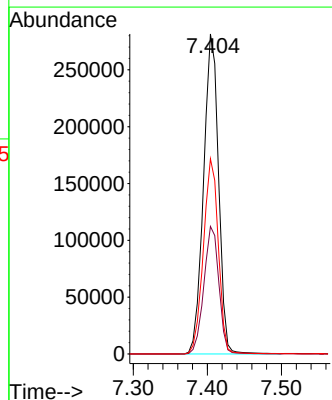
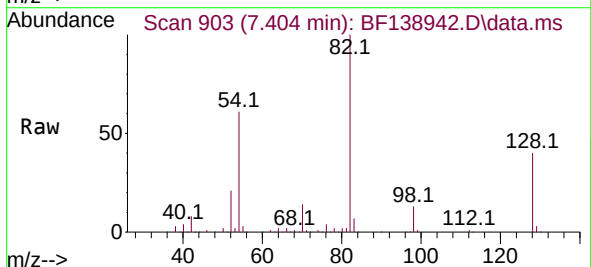


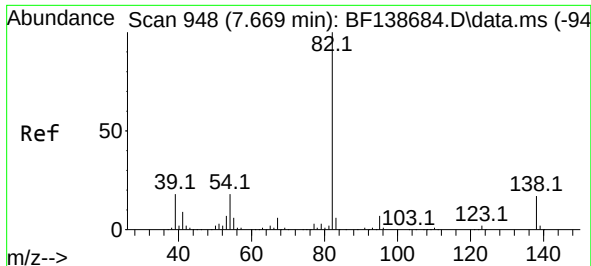
Tgt Ion:136 Resp: 173070
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.2 8.6 12.8
68 5.3 4.8 7.2



#23
Nitrobenzene-d5
Concen: 112.412 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28

Tgt Ion: 82 Resp: 397926
Ion Ratio Lower Upper
82 100
128 39.9 32.8 49.2
54 61.0 48.3 72.5

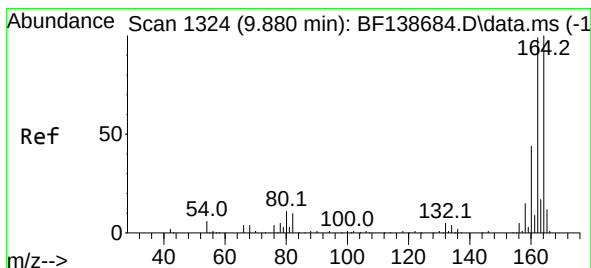
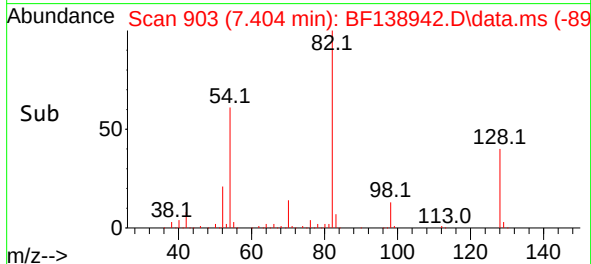
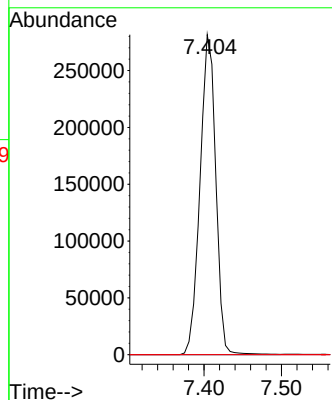
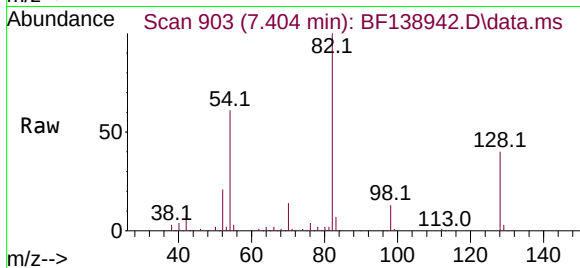




#25
Isophorone
Concen: 65.832 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28

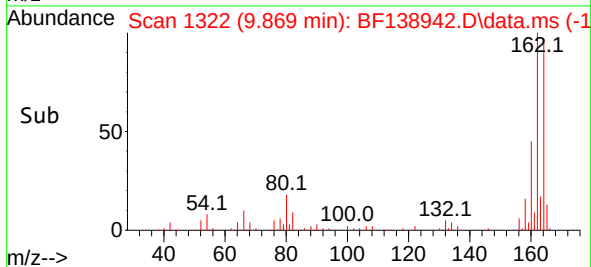
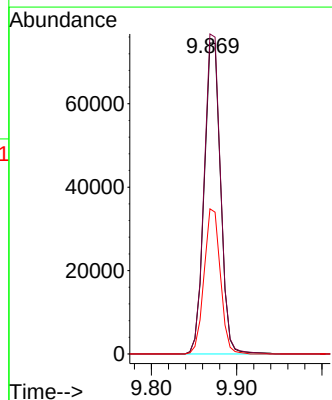
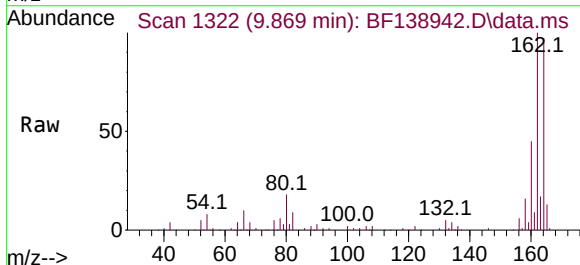
Instrument :
BNA_F
ClientSampleId :
PB162639BL

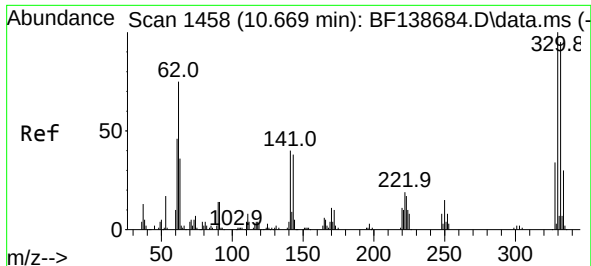
Tgt Ion: 82 Resp: 397922
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28

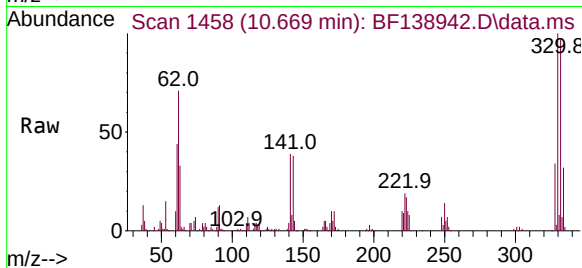
Tgt Ion:164 Resp: 99786
Ion Ratio Lower Upper
164 100
162 102.9 79.4 119.0
160 46.7 35.1 52.7



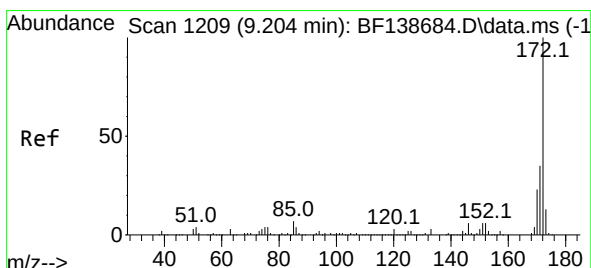
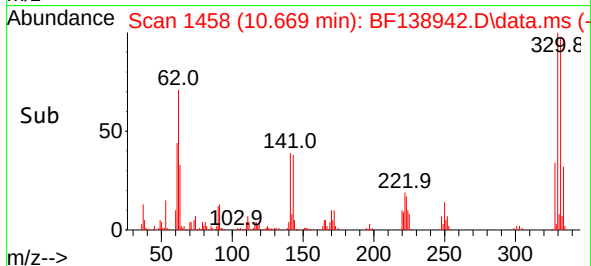
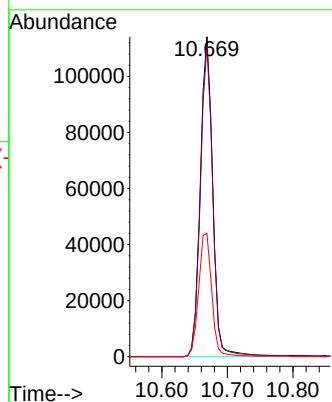


#42
2,4,6-Tribromophenol
Concen: 185.168 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28

Instrument :
BNA_F
ClientSampleId :
PB162639BL

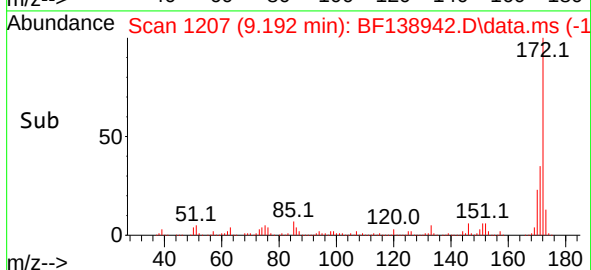
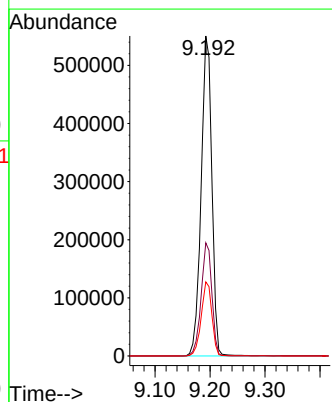
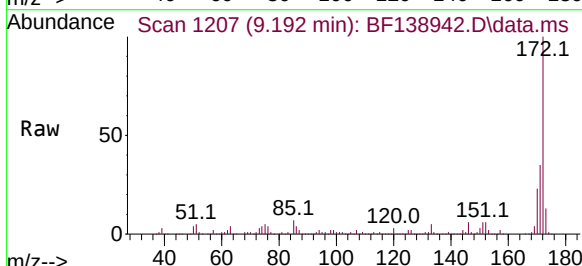


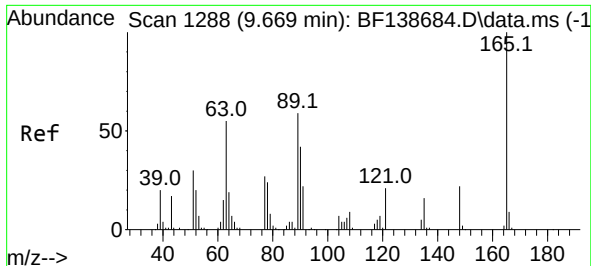
Tgt Ion:330 Resp: 151353
Ion Ratio Lower Upper
330 100
332 97.8 76.4 114.6
141 40.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 112.647 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28

Tgt Ion:172 Resp: 748127
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 18.8 28.2

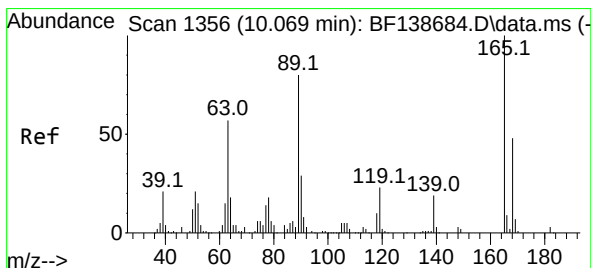
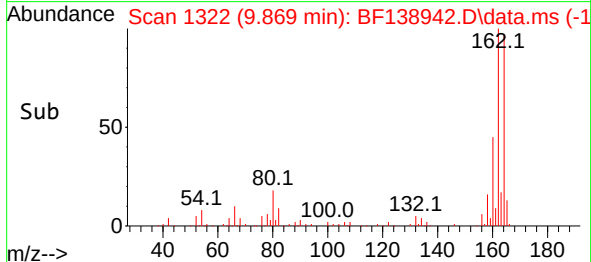
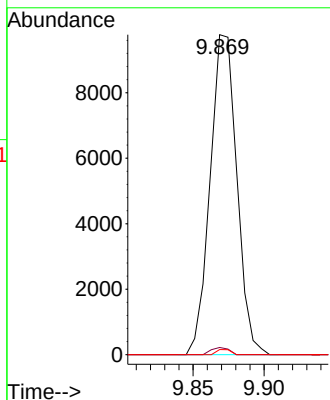
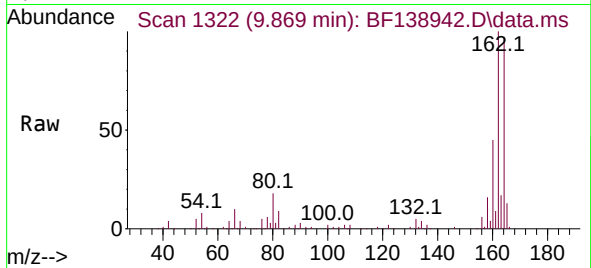




#51
2,6-Dinitrotoluene
Concen: 8.891 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28

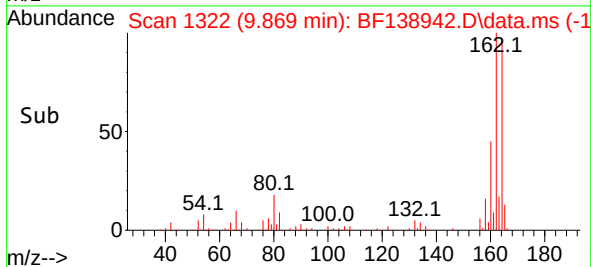
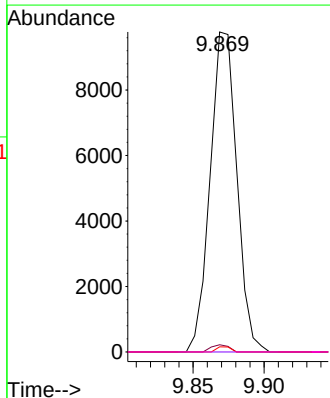
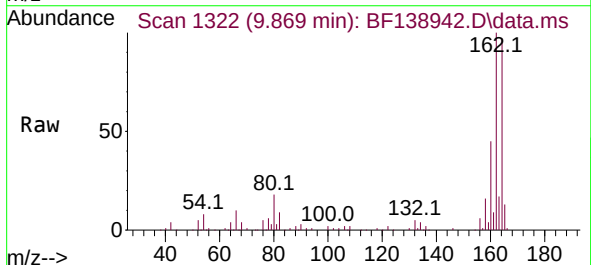
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BNA_F
ClientSampleId :
PB162639BL

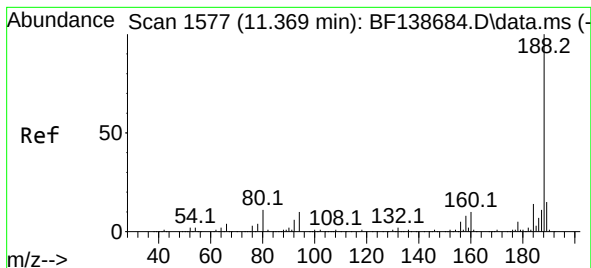
Tgt Ion:165 Resp: 12803
Ion Ratio Lower Upper
165 100
63 2.2 52.0 78.0#
89 1.6 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.969 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138942.D
Acq: 12 Aug 2024 19:28

Tgt Ion:165 Resp: 12803
Ion Ratio Lower Upper
165 100
63 2.2 46.3 69.5#
89 1.6 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138942.D

Acq: 12 Aug 2024 19:28

Instrument :

BNA_F

ClientSampleId :

PB162639BL

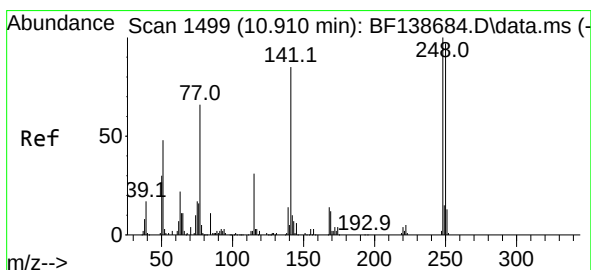
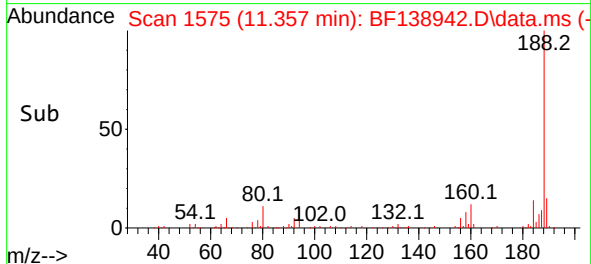
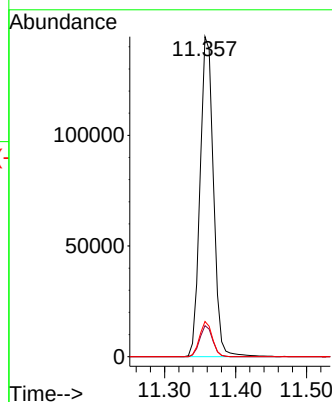
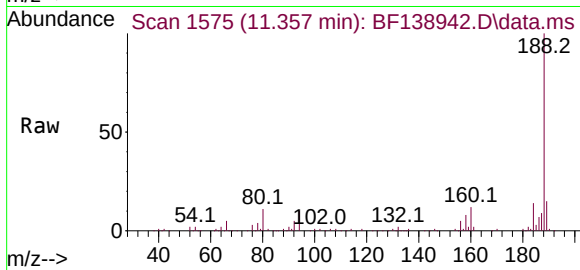
Tgt Ion:188 Resp: 190310

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 11.0 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.195 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138942.D

Acq: 12 Aug 2024 19:28

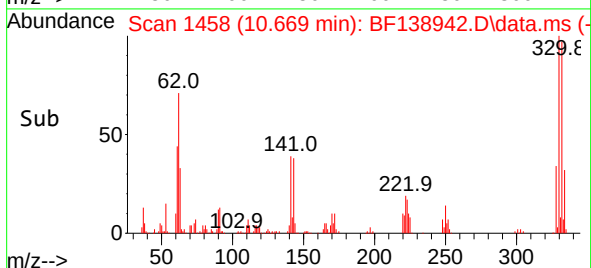
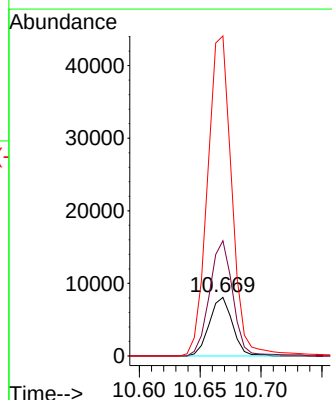
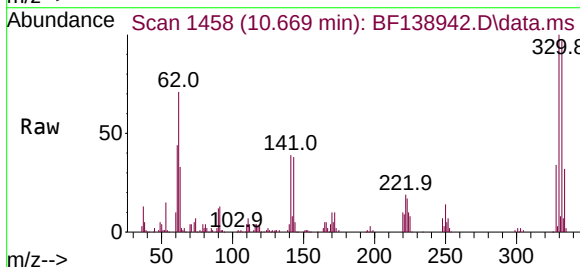
Tgt Ion:248 Resp: 10704

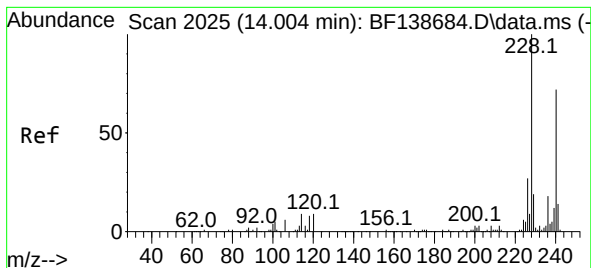
Ion Ratio Lower Upper

248 100

250 196.7 77.7 116.5#

141 546.3 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138942.D

Acq: 12 Aug 2024 19:28

Instrument :

BNA_F

ClientSampleId :

PB162639BL

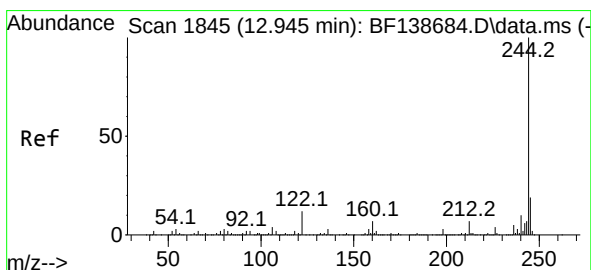
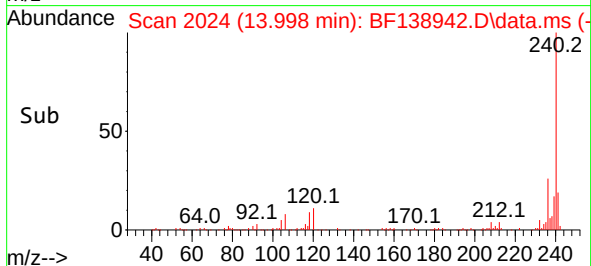
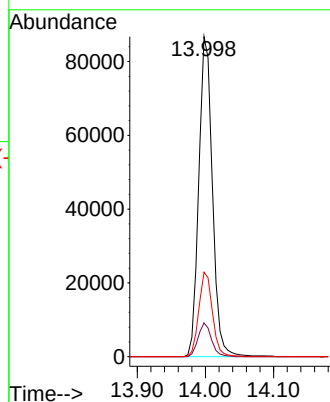
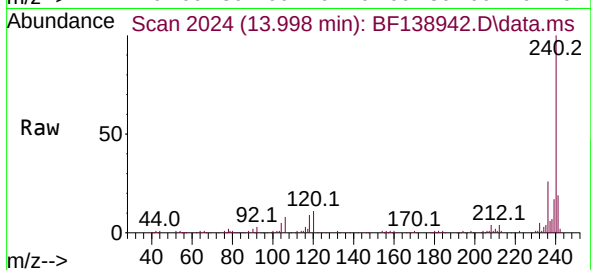
Tgt Ion:240 Resp: 120240

Ion Ratio Lower Upper

240 100

120 10.6 10.2 15.4

236 26.4 19.8 29.8



#79

Terphenyl-d14

Concen: 132.601 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138942.D

Acq: 12 Aug 2024 19:28

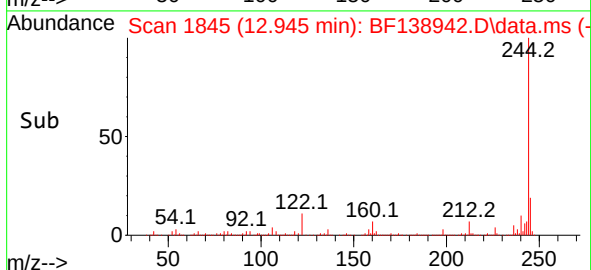
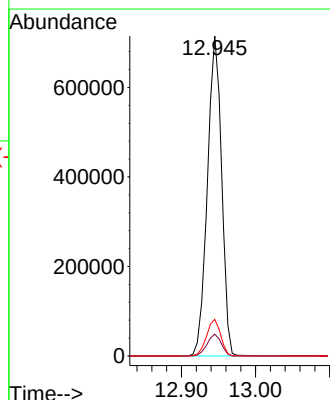
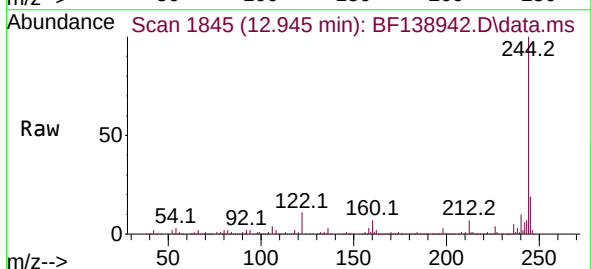
Tgt Ion:244 Resp: 952293

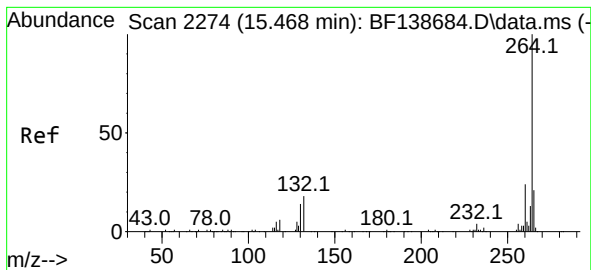
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.5 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138942.D

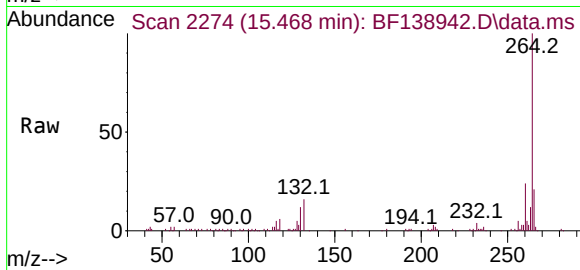
Acq: 12 Aug 2024 19:28

Instrument :

BNA_F

ClientSampleId :

PB162639BL



Tgt Ion:264 Resp: 85558

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.2 17.0 25.6

