

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138862.D
 Acq On : 08 Aug 2024 13:22
 Operator : RC/JU
 Sample : PB162401BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162401BL

Quant Time: Aug 08 13:48:41 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)

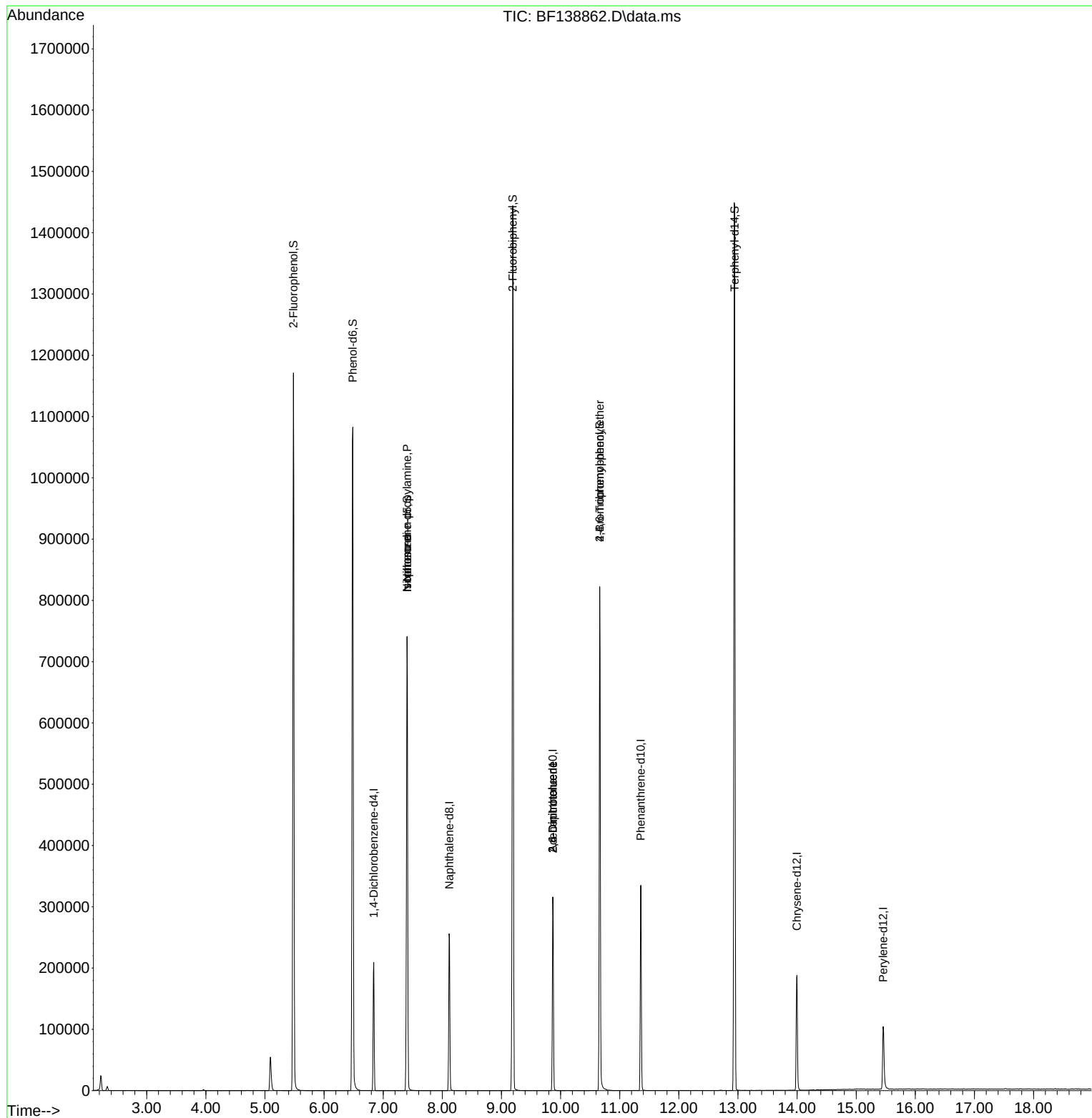
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	40207	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	162278	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	93519	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	170837	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	96485	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	70734	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	395971	152.024	ng	0.01
7) Phenol-d6	6.487	99	514401	147.096	ng	0.00
23) Nitrobenzene-d5	7.404	82	340304	102.527	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	120666	157.518	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	637611	102.440	ng	-0.01
79) Terphenyl-d14	12.945	244	722724	125.412	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	47844	22.652	ng	# 77
25) Isophorone	7.404	82	340303	60.044	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11655	8.636	ng	# 22
57) 2,4-Dinitrotoluene	9.869	165	11655	6.769	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	9119	4.930	ng	# 1

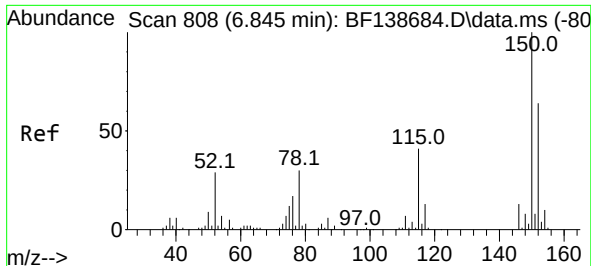
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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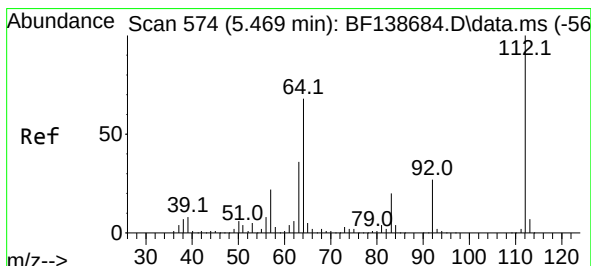
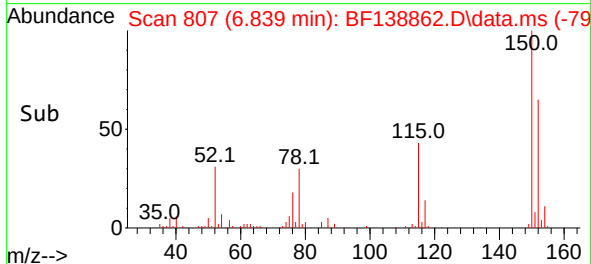
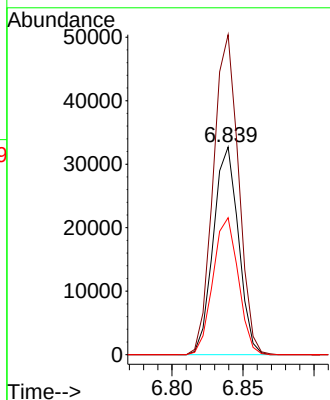
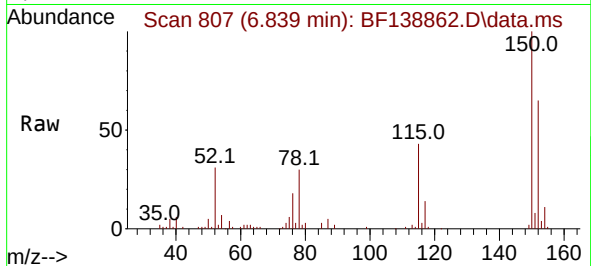




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138862.D
Acq: 08 Aug 2024 13:22

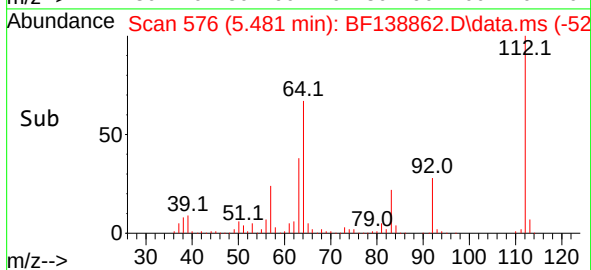
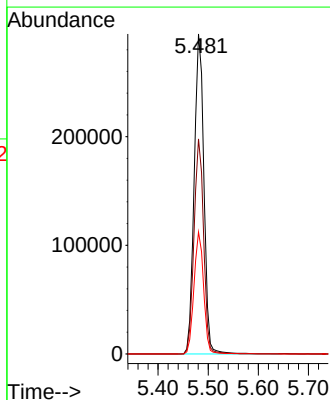
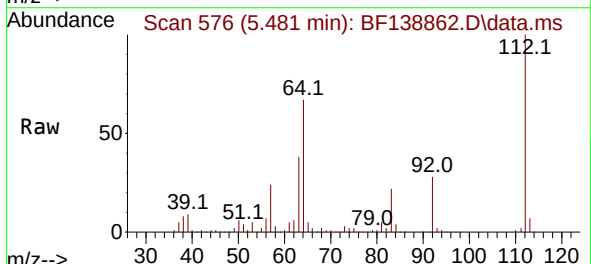
Instrument :
BNA_F
ClientSampleId :
PB162401BL

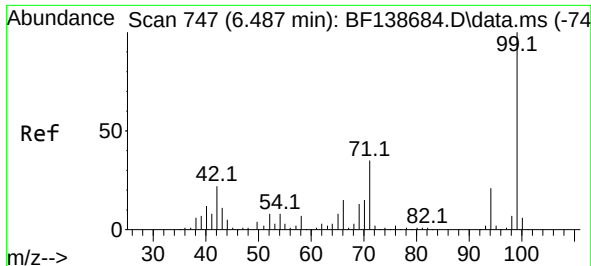
Tgt Ion:152 Resp: 40207
Ion Ratio Lower Upper
152 100
150 154.0 126.0 189.0
115 65.9 51.7 77.5



#5
2-Fluorophenol
Concen: 152.024 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138862.D
Acq: 08 Aug 2024 13:22

Tgt Ion:112 Resp: 395971
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 38.1 28.7 43.1

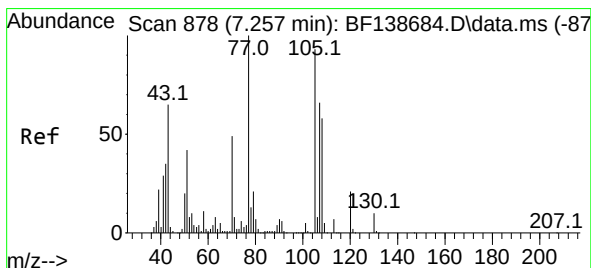
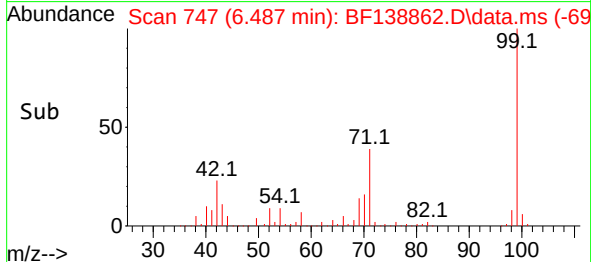
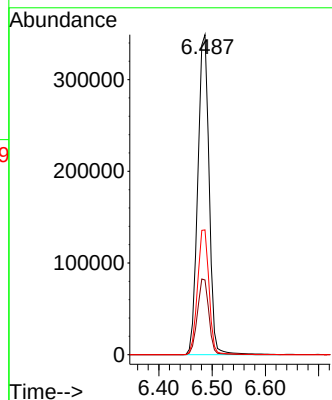
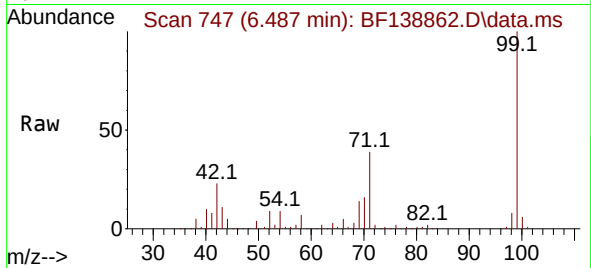




#7
Phenol-d6
Concen: 147.096 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138862.D
Acq: 08 Aug 2024 13:22

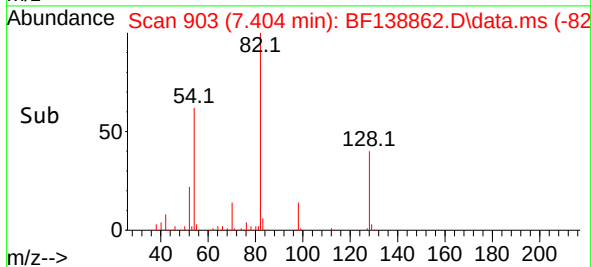
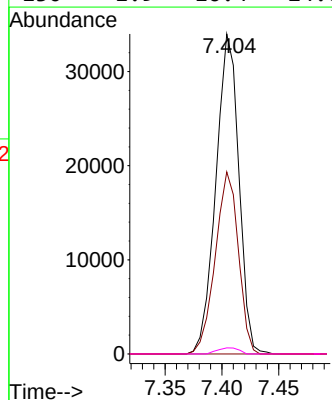
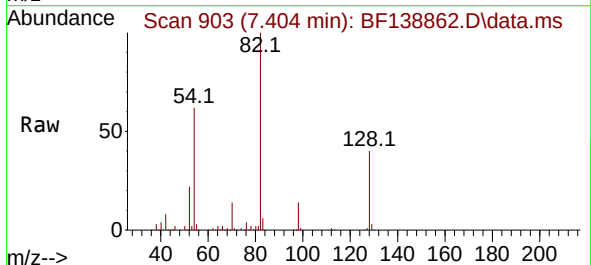
Instrument :
BNA_F
ClientSampleId :
PB162401BL

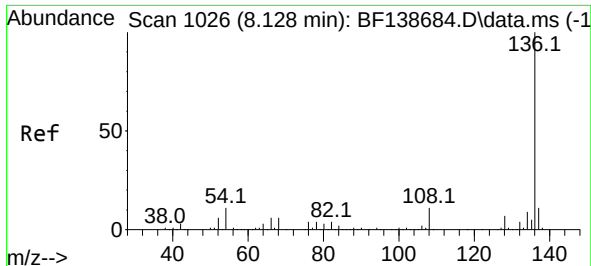
Tgt Ion: 99 Resp: 514401
Ion Ratio Lower Upper
99 100
42 23.4 17.4 26.0
71 39.0 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 22.652 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138862.D
Acq: 08 Aug 2024 13:22

Tgt Ion: 70 Resp: 47844
Ion Ratio Lower Upper
70 100
42 56.9 57.4 86.0#
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



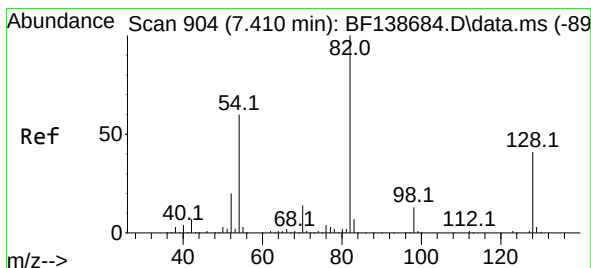
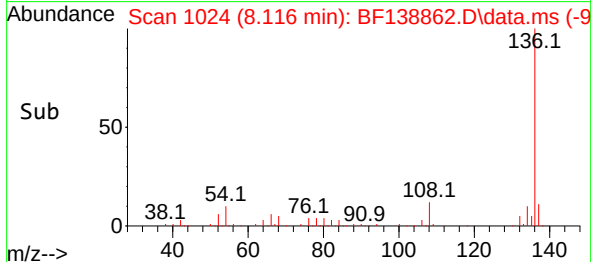
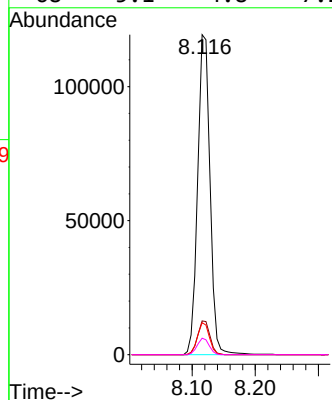
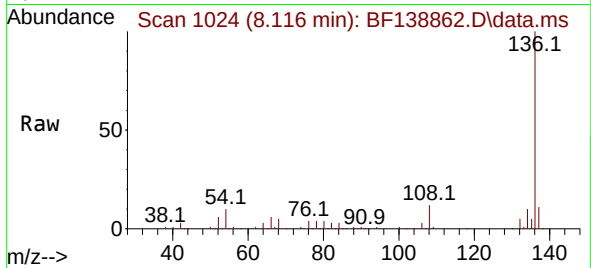


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138862.D
Acq: 08 Aug 2024 13:22

Instrument :
BNA_F
ClientSampleId :
PB162401BL

Tgt Ion:136 Resp: 162278

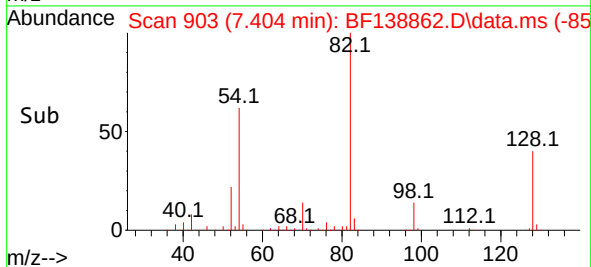
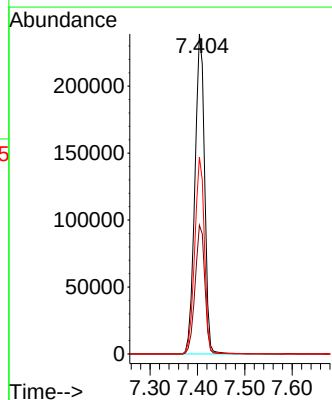
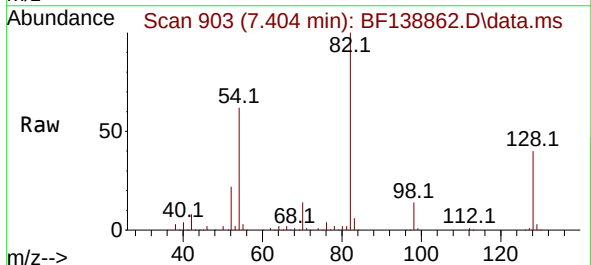
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	10.0	8.6	12.8
68	5.1	4.8	7.2

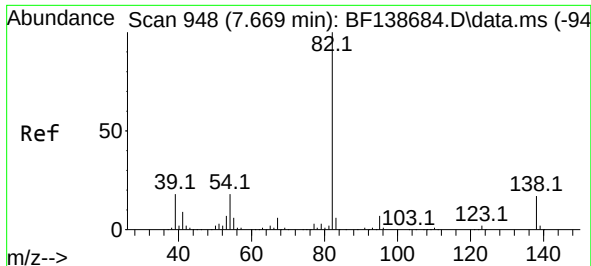


#23
Nitrobenzene-d5
Concen: 102.527 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138862.D
Acq: 08 Aug 2024 13:22

Tgt Ion: 82 Resp: 340304

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.8	49.2
54	61.6	48.3	72.5

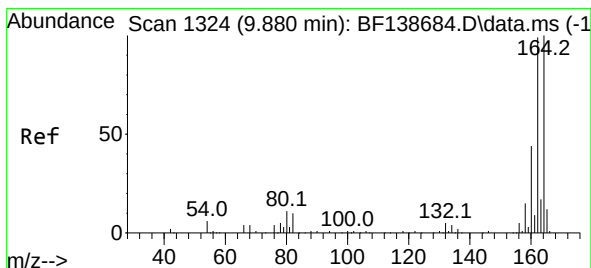
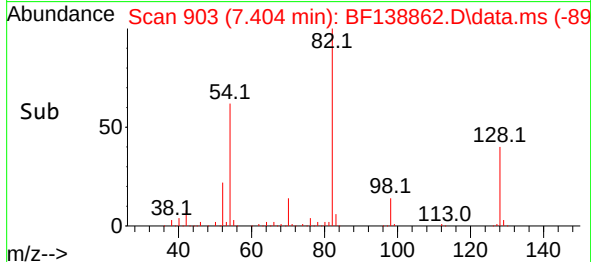
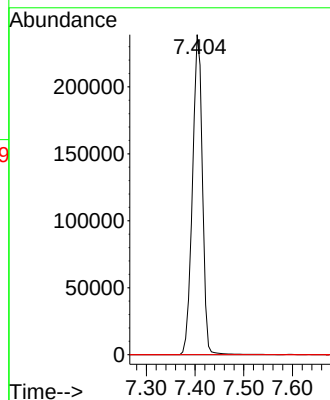
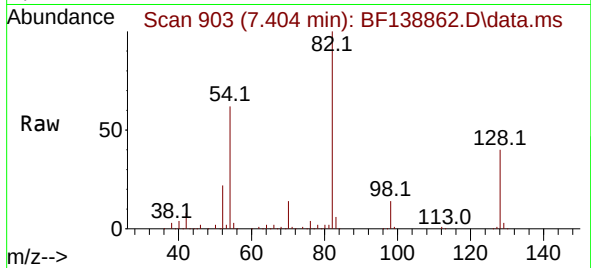




#25
Isophorone
Concen: 60.044 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138862.D
Acq: 08 Aug 2024 13:22

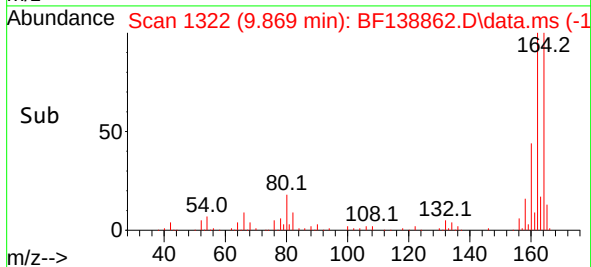
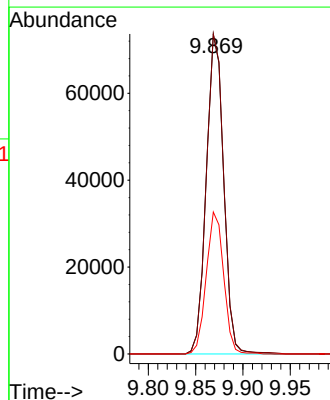
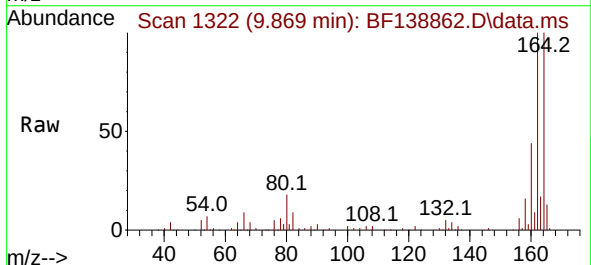
Instrument :
BNA_F
ClientSampleId :
PB162401BL

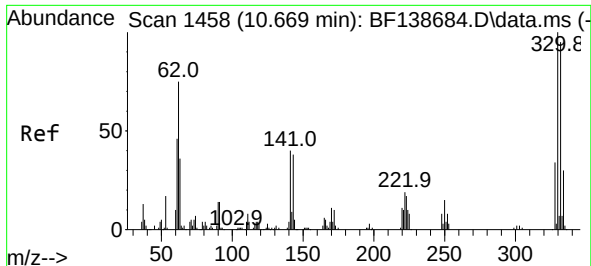
Tgt Ion: 82 Resp: 340303
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138862.D
Acq: 08 Aug 2024 13:22

Tgt Ion: 164 Resp: 93519
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 44.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 157.518 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138862.D

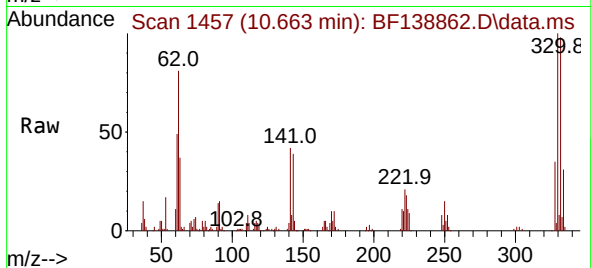
Acq: 08 Aug 2024 13:22

Instrument :

BNA_F

ClientSampleId :

PB162401BL



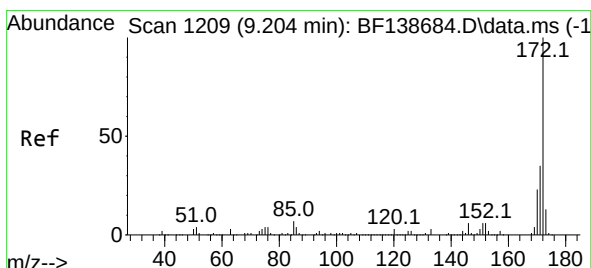
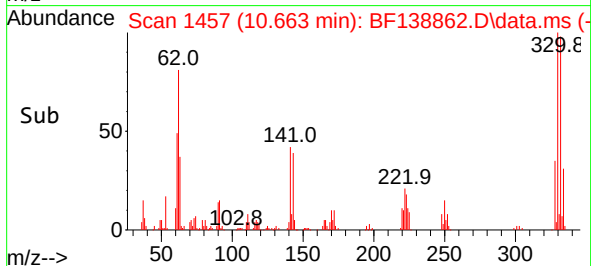
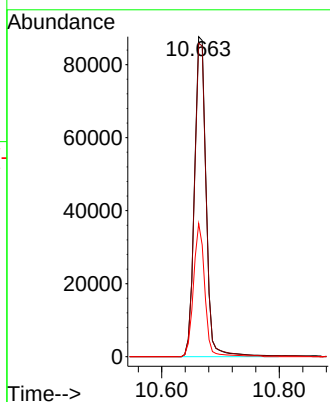
Tgt Ion:330 Resp: 120666

Ion Ratio Lower Upper

330 100

332 98.2 76.4 114.6

141 40.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 102.440 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138862.D

Acq: 08 Aug 2024 13:22

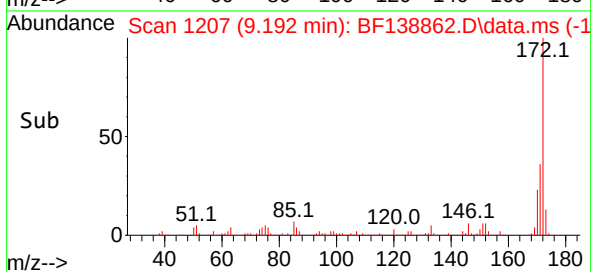
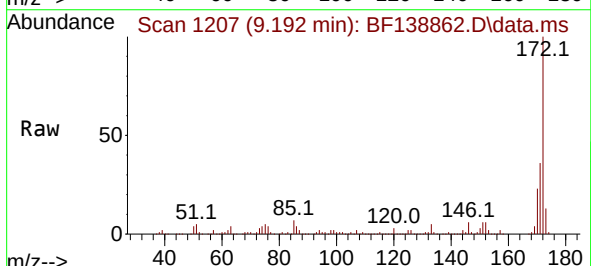
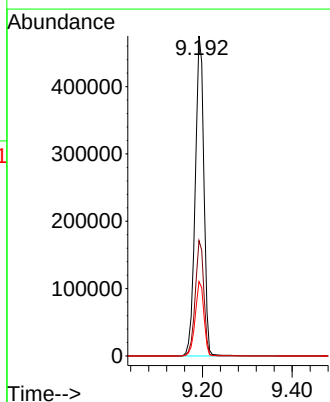
Tgt Ion:172 Resp: 637611

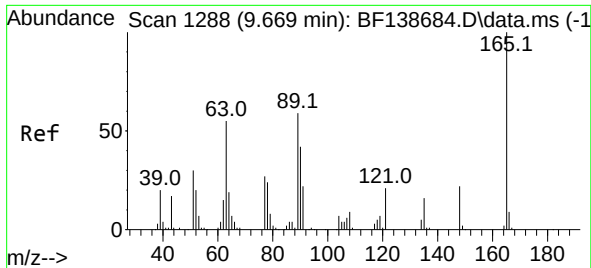
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.3 18.8 28.2

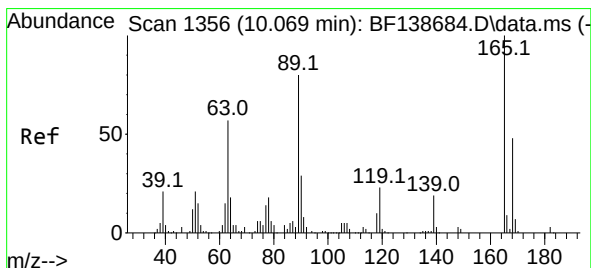
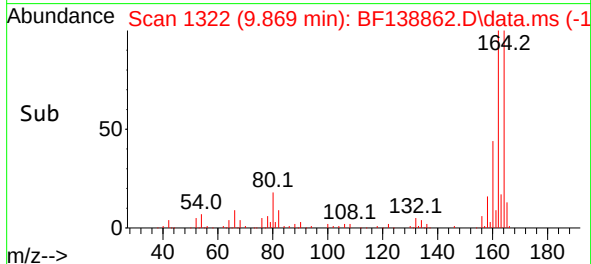
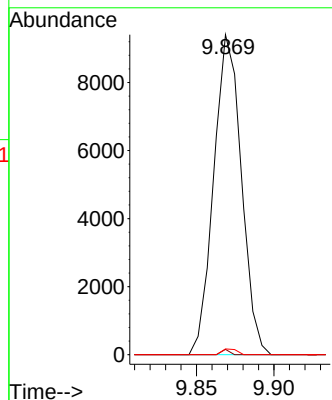
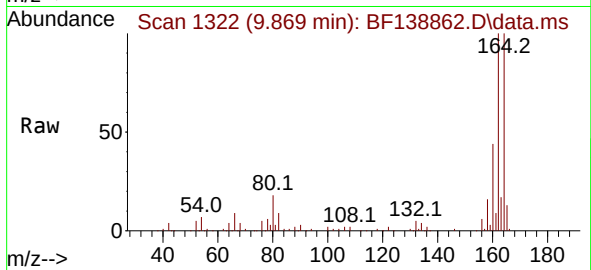




#51
2,6-Dinitrotoluene
Concen: 8.636 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138862.D
Acq: 08 Aug 2024 13:22

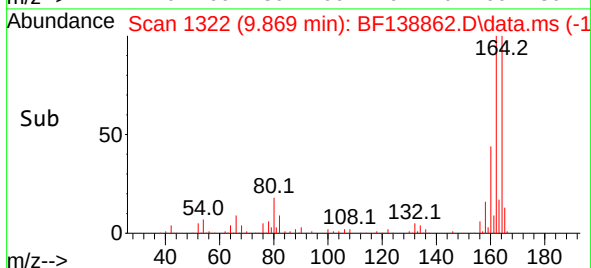
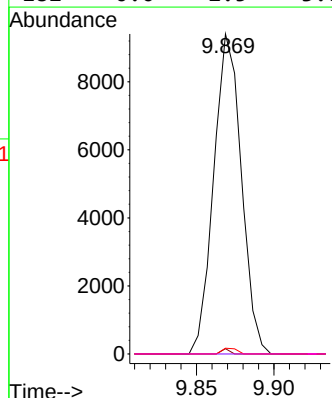
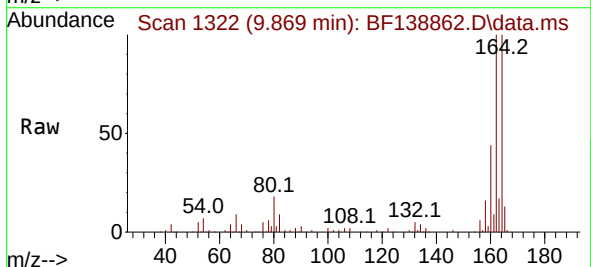
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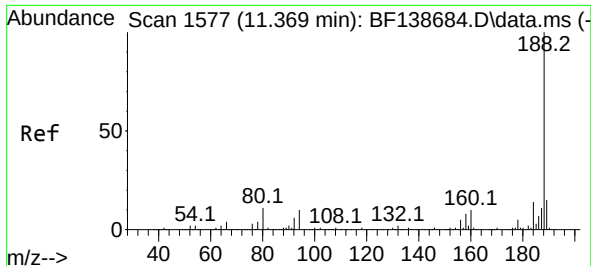
Tgt Ion:165 Resp: 11655
Ion Ratio Lower Upper
165 100
63 1.7 52.0 78.0#
89 1.8 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.769 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138862.D
Acq: 08 Aug 2024 13:22

Tgt Ion:165 Resp: 11655
Ion Ratio Lower Upper
165 100
63 1.7 46.3 69.5#
89 1.8 64.2 96.4#
182 0.0 2.5 3.7#

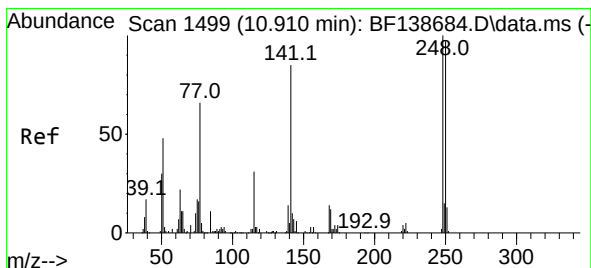
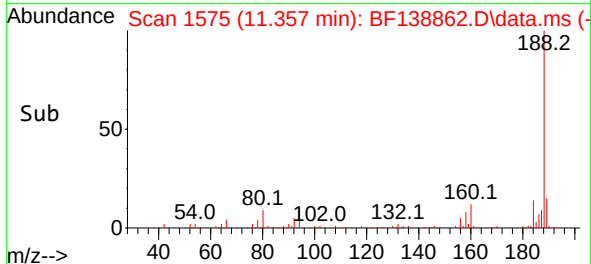
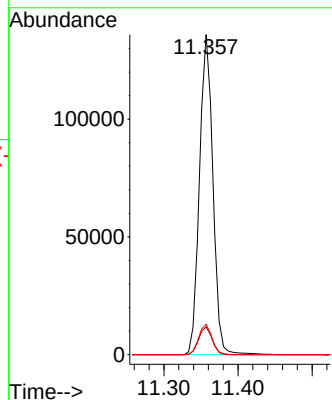
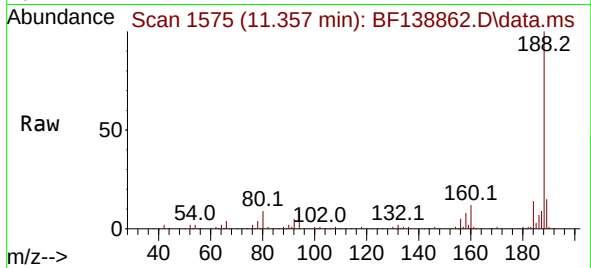




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138862.D
Acq: 08 Aug 2024 13:22

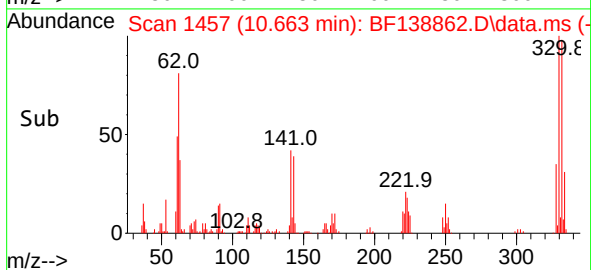
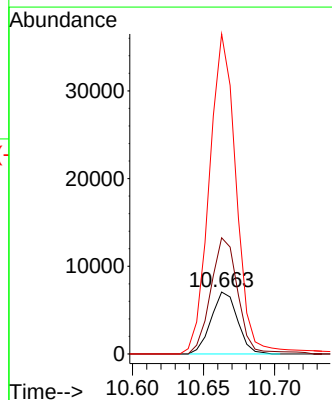
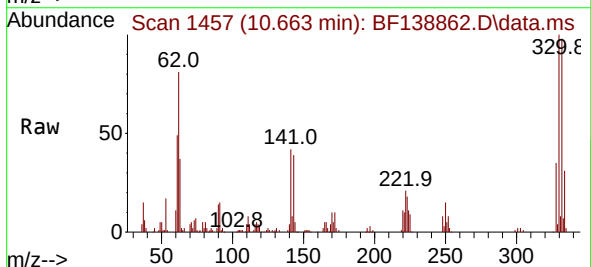
Instrument :
BNA_F
ClientSampleId :
PB162401BL

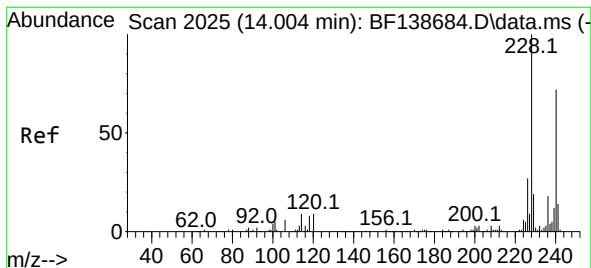
Tgt Ion:188 Resp: 170837
Ion Ratio Lower Upper
188 100
94 8.6 7.6 11.4
80 9.5 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 4.930 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF138862.D
Acq: 08 Aug 2024 13:22

Tgt Ion:248 Resp: 9119
Ion Ratio Lower Upper
248 100
250 187.7 77.7 116.5#
141 517.3 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: BF138862.D

Acq: 08 Aug 2024 13:22

Instrument :

BNA_F

ClientSampleId :

PB162401BL

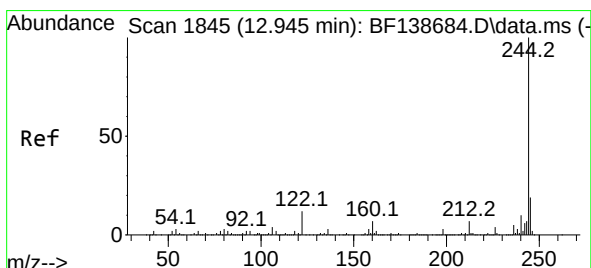
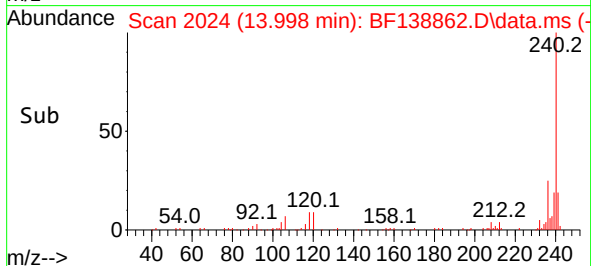
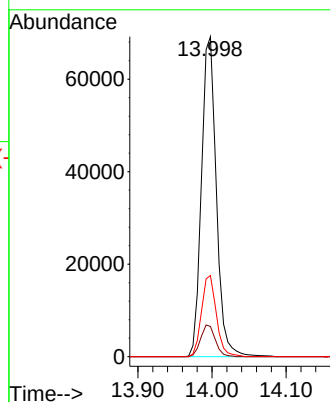
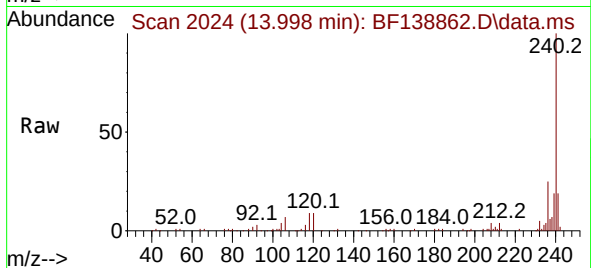
Tgt Ion:240 Resp: 96485

Ion Ratio Lower Upper

240 100

120 9.5 10.2 15.4#

236 25.3 19.8 29.8



#79

Terphenyl-d14

Concen: 125.412 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138862.D

Acq: 08 Aug 2024 13:22

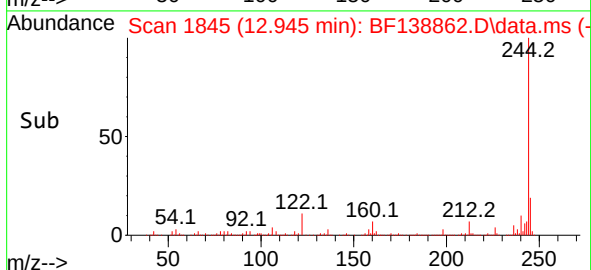
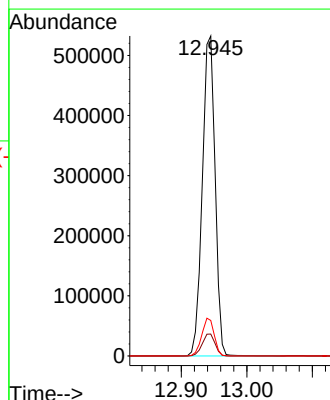
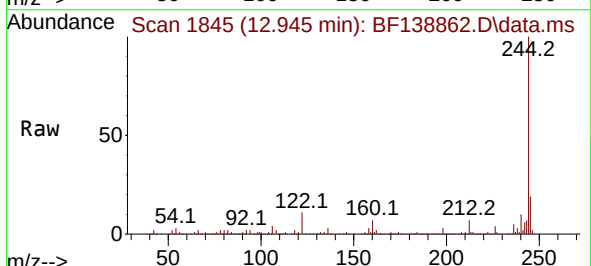
Tgt Ion:244 Resp: 722724

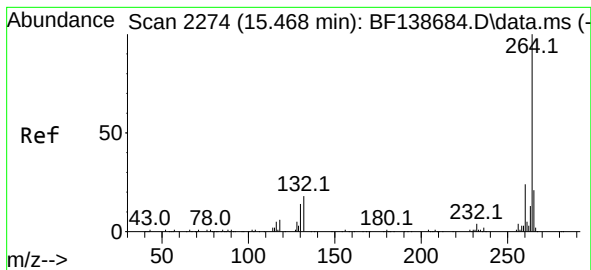
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.1 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138862.D

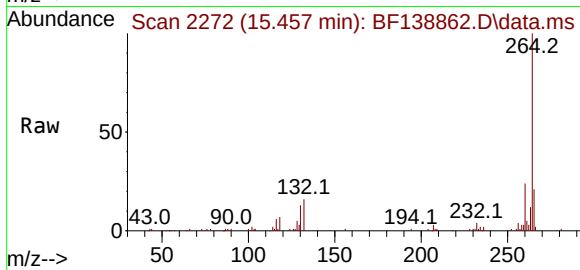
Acq: 08 Aug 2024 13:22

Instrument :

BNA_F

ClientSampleId :

PB162401BL



Tgt Ion:264 Resp: 70734

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.5 17.0 25.6

