

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138808.D
 Acq On : 06 Aug 2024 14:23
 Operator : RC/JU
 Sample : PB162362TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162362TB

Quant Time: Aug 06 14:47:00 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)

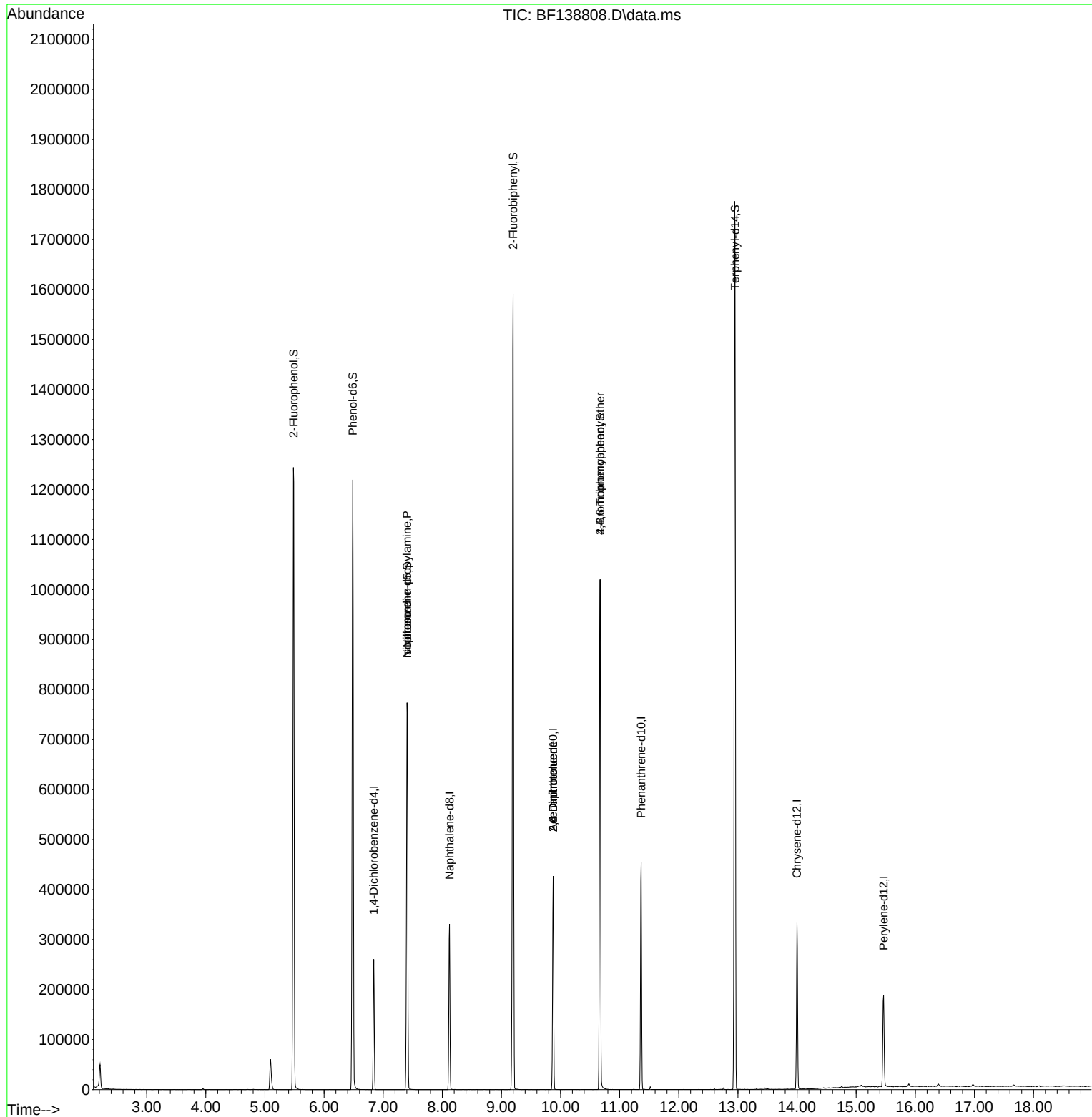
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	49812	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	208464	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	123985	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	231258	20.000	ng	0.00
76) Chrysene-d12	13.998	240	151398	20.000	ng	0.00
86) Perylene-d12	15.463	264	102941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	441033	136.674	ng	0.02
7) Phenol-d6	6.487	99	583138	134.598	ng	0.00
23) Nitrobenzene-d5	7.404	82	375698	88.113	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	157849	155.424	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	732719	88.794	ng	0.00
79) Terphenyl-d14	12.951	244	911143	100.761	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	51673	19.747	ng	# 74
25) Isophorone	7.404	82	373219	51.262	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	16090	8.993	ng	# 21
57) 2,4-Dinitrotoluene	9.875	165	16090	7.049	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	11583	4.626	ng	# 1

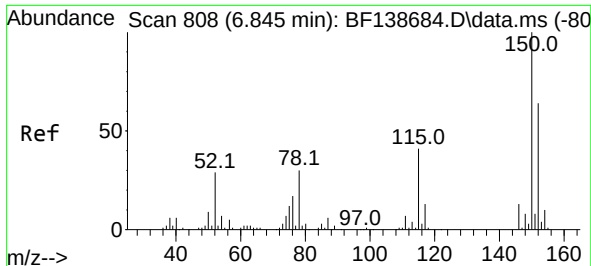
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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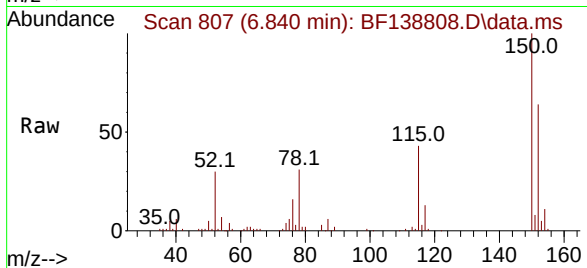
Quant Time: Aug 06 14:47:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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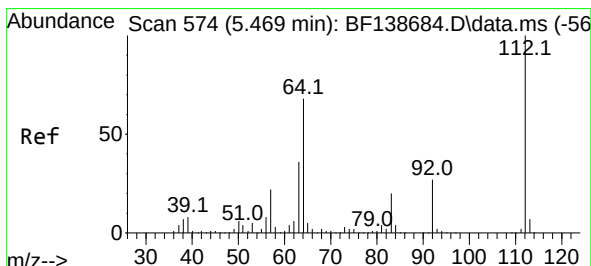
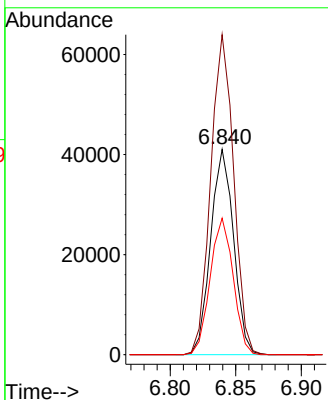
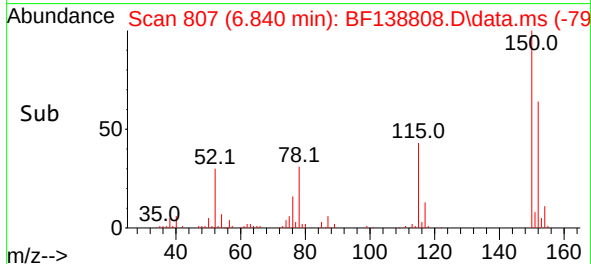


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138808.D
Acq: 06 Aug 2024 14:23

Instrument :
BNA_F
ClientSampleId :
PB162362TB

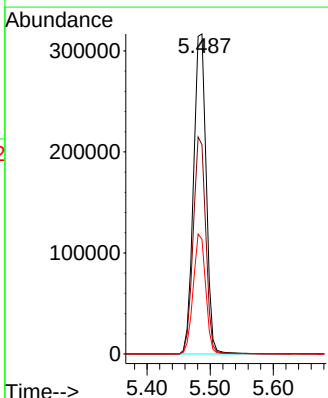
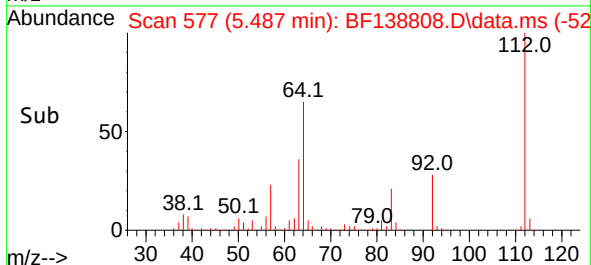
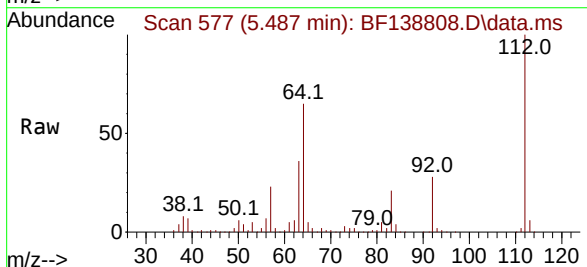


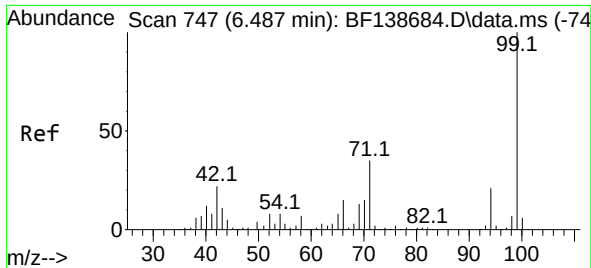
Tgt Ion:152 Resp: 49812
Ion Ratio Lower Upper
152 100
150 155.9 126.0 189.0
115 66.5 51.7 77.5



#5
2-Fluorophenol
Concen: 136.674 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138808.D
Acq: 06 Aug 2024 14:23

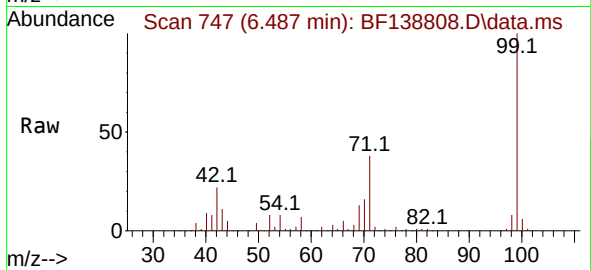
Tgt Ion:112 Resp: 441033
Ion Ratio Lower Upper
112 100
64 65.4 54.2 81.4
63 35.9 28.7 43.1



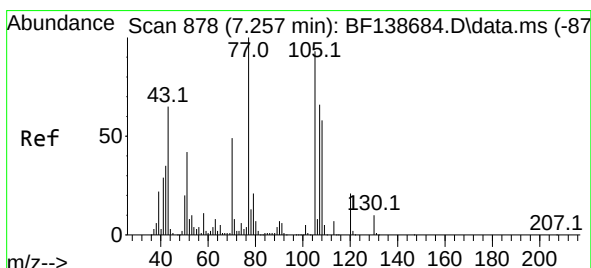
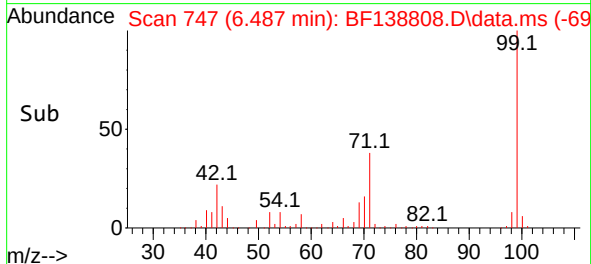
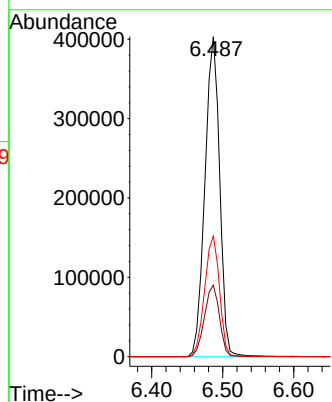


#7
Phenol-d6
Concen: 134.598 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138808.D
Acq: 06 Aug 2024 14:23

Instrument :
BNA_F
ClientSampleId :
PB162362TB

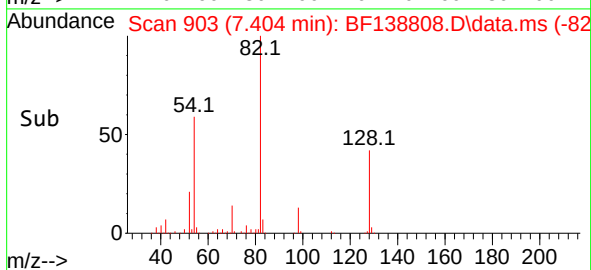
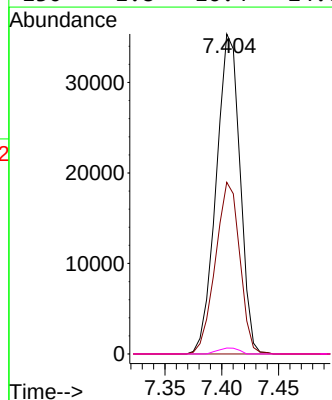
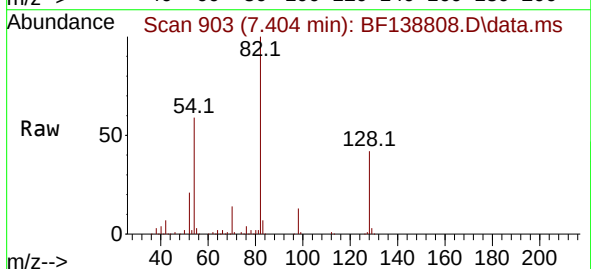


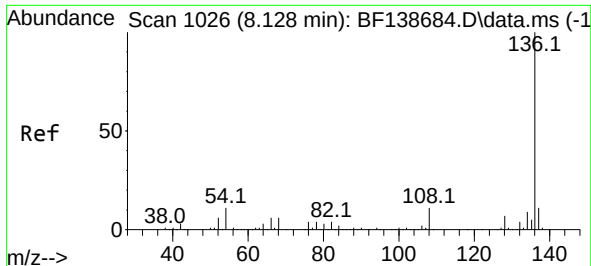
Tgt Ion:	99	Resp:	583138
Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.4	26.0
71	37.7	28.1	42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.747 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138808.D
Acq: 06 Aug 2024 14:23

Tgt Ion:	70	Resp:	51673
Ion	Ratio	Lower	Upper
70	100		
42	53.7	57.4	86.0#
101	0.0	7.5	11.3#
130	1.8	16.4	24.6#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138808.D
Acq: 06 Aug 2024 14:23

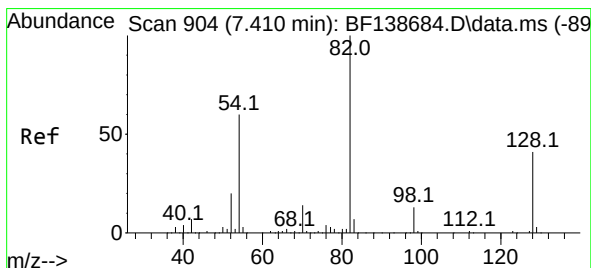
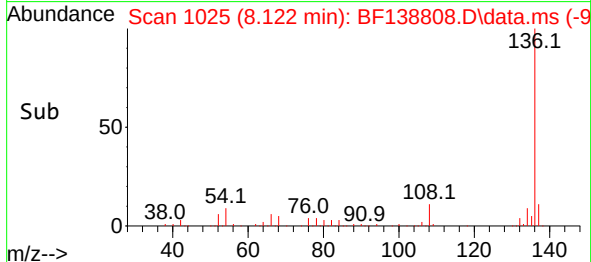
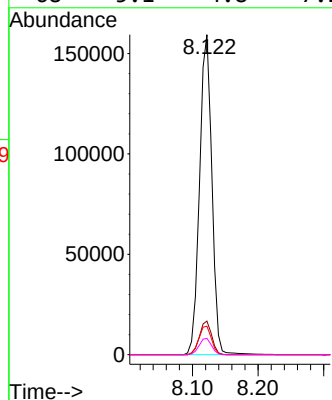
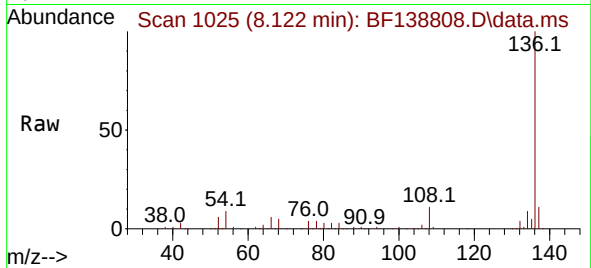
Instrument :

BNA_F

ClientSampleId :

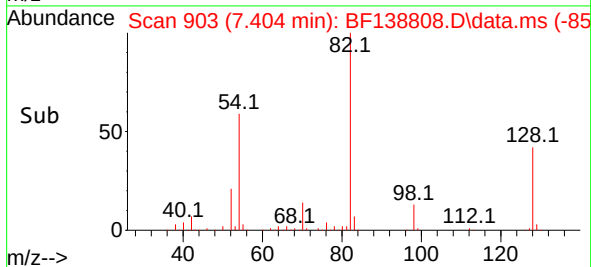
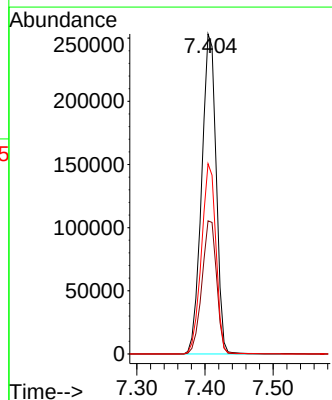
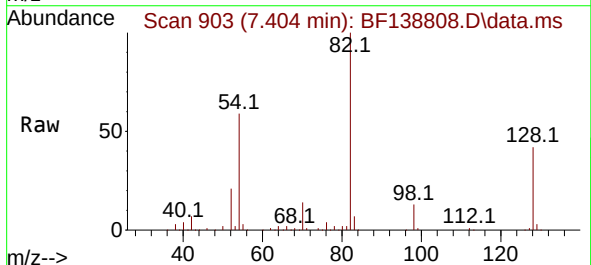
PB162362TB

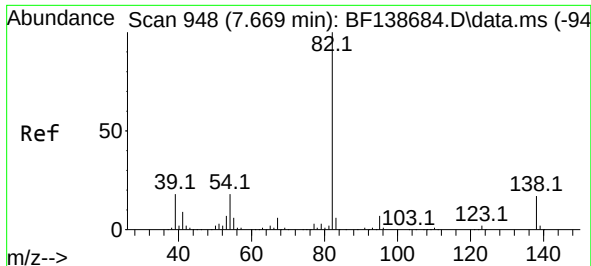
Tgt Ion:136 Resp: 208464
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.9 8.6 12.8
68 5.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 88.113 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138808.D
Acq: 06 Aug 2024 14:23

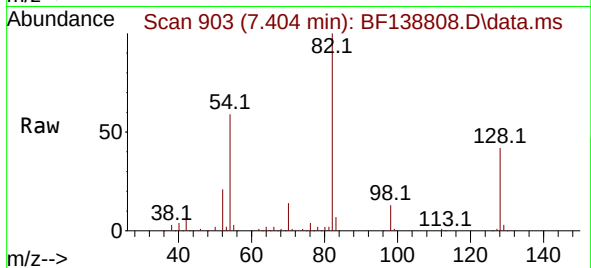
Tgt Ion: 82 Resp: 375698
Ion Ratio Lower Upper
82 100
128 41.6 32.8 49.2
54 59.5 48.3 72.5



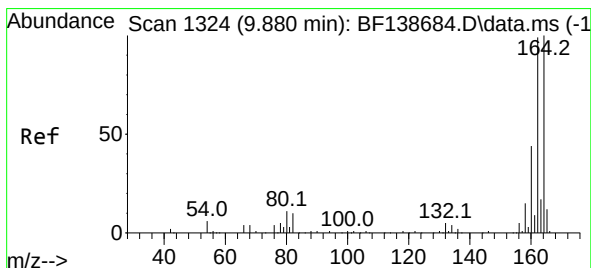
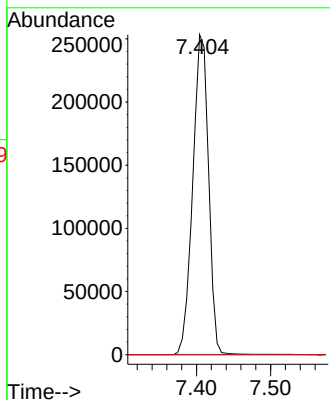
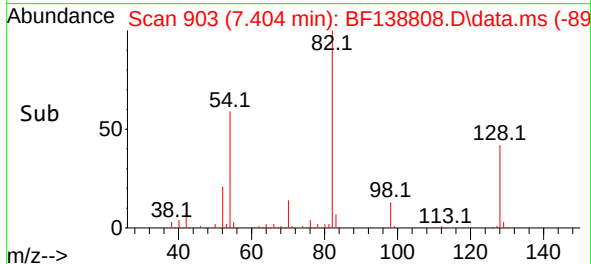


#25
Isophorone
Concen: 51.262 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138808.D
Acq: 06 Aug 2024 14:23

Instrument :
BNA_F
ClientSampleId :
PB162362TB

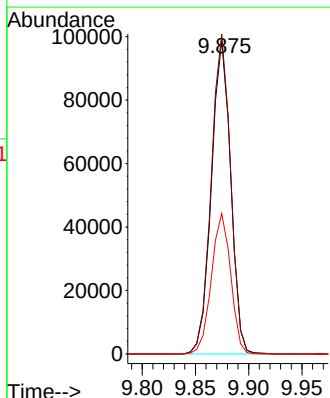
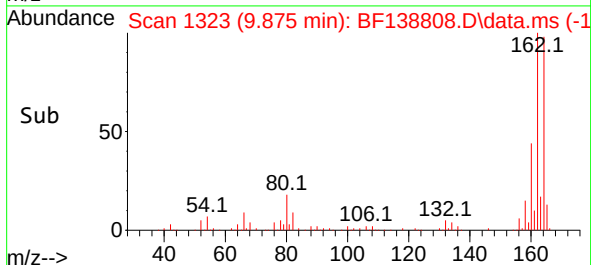
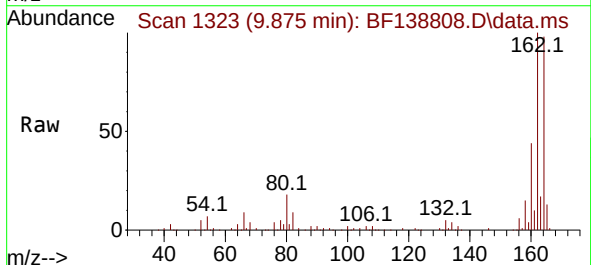


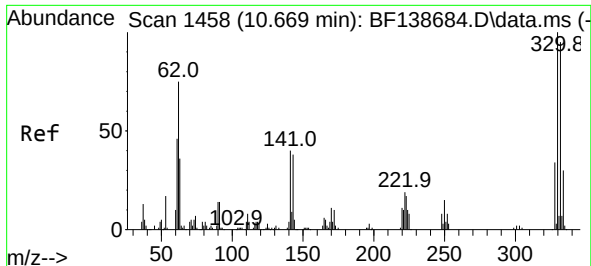
Tgt Ion: 82 Resp: 373219
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138808.D
Acq: 06 Aug 2024 14:23

Tgt Ion: 164 Resp: 123985
Ion Ratio Lower Upper
164 100
162 102.2 79.4 119.0
160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 155.424 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138808.D

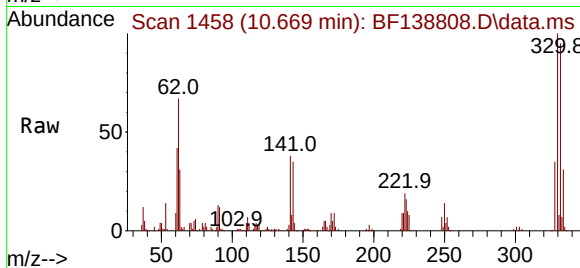
Acq: 06 Aug 2024 14:23

Instrument :

BNA_F

ClientSampleId :

PB162362TB



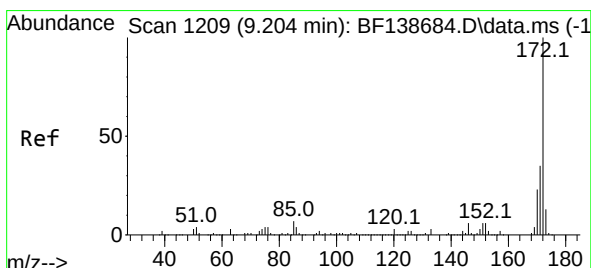
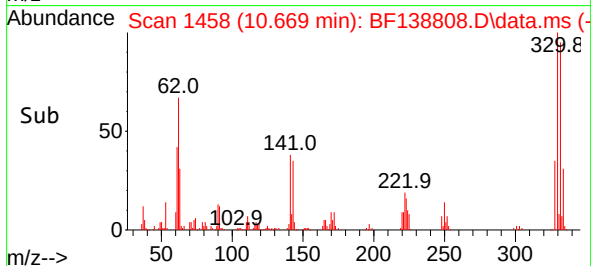
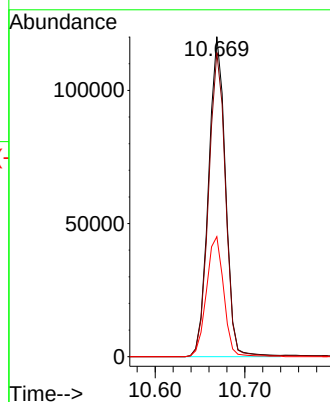
Tgt Ion:330 Resp: 157849

Ion Ratio Lower Upper

330 100

332 95.9 76.4 114.6

141 38.3 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 88.794 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138808.D

Acq: 06 Aug 2024 14:23

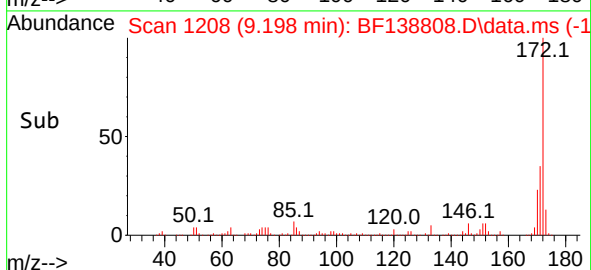
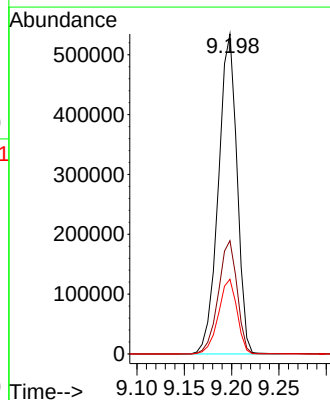
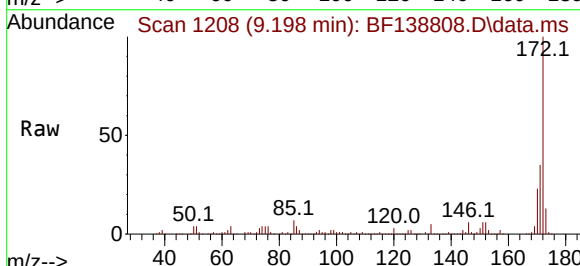
Tgt Ion:172 Resp: 732719

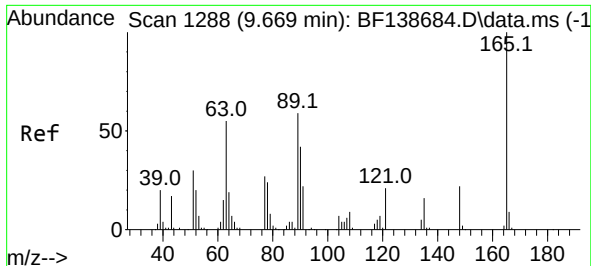
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.993 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF138808.D

Acq: 06 Aug 2024 14:23

Instrument :

BNA_F

ClientSampleId :

PB162362TB

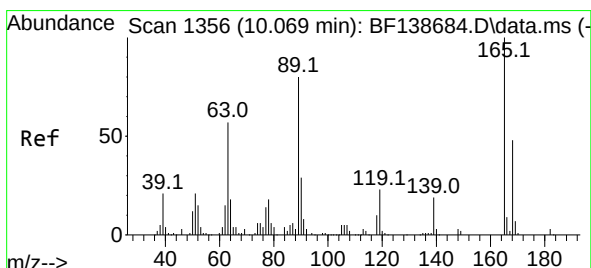
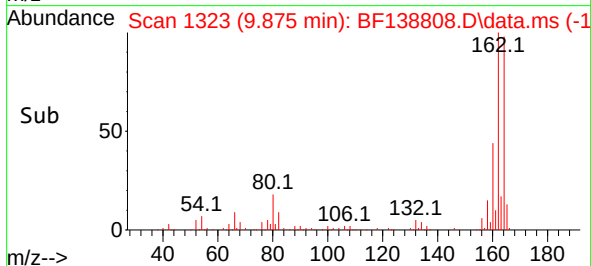
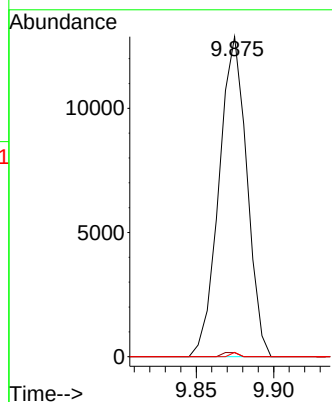
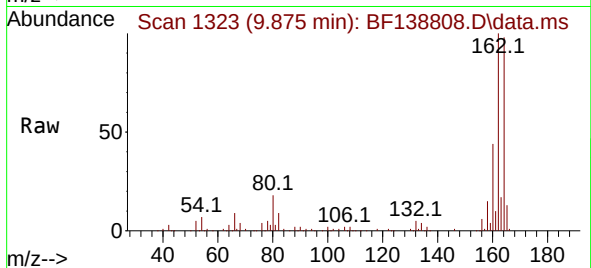
Tgt Ion:165 Resp: 16090

Ion Ratio Lower Upper

165 100

63 1.3 52.0 78.0#

89 1.4 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 7.049 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.194 min

Lab File: BF138808.D

Acq: 06 Aug 2024 14:23

Tgt Ion:165 Resp: 16090

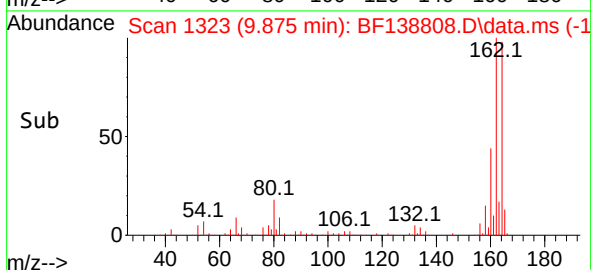
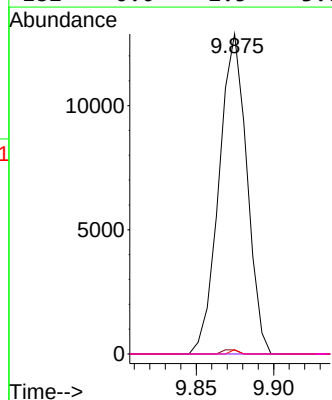
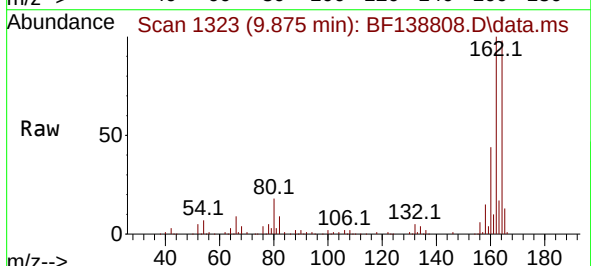
Ion Ratio Lower Upper

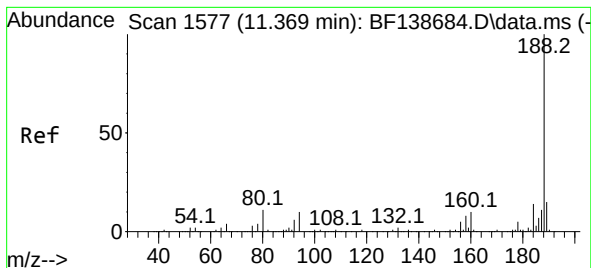
165 100

63 1.3 46.3 69.5#

89 1.4 64.2 96.4#

182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138808.D

Acq: 06 Aug 2024 14:23

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PB162362TB

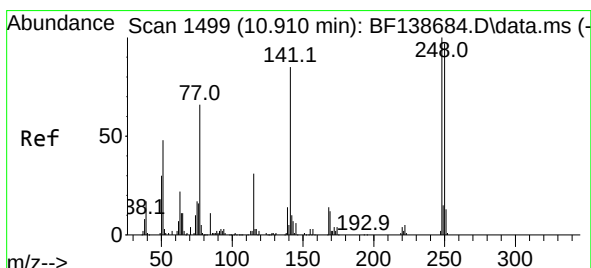
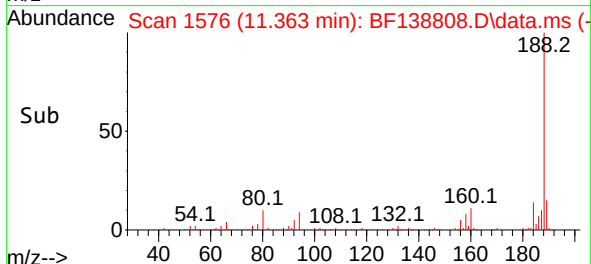
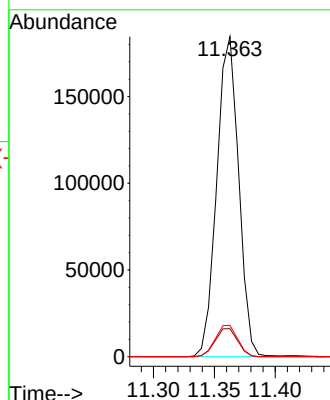
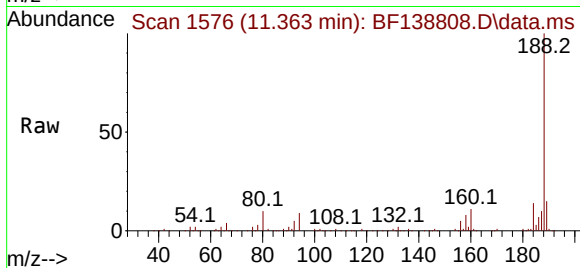
Tgt Ion:188 Resp: 231258

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 9.8 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.626 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138808.D

Acq: 06 Aug 2024 14:23

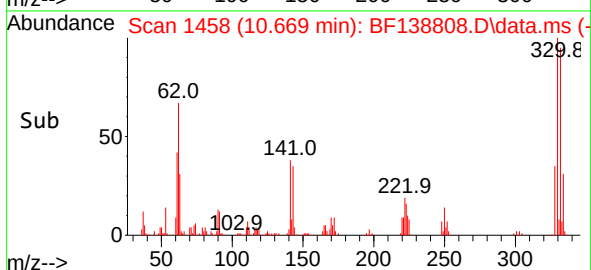
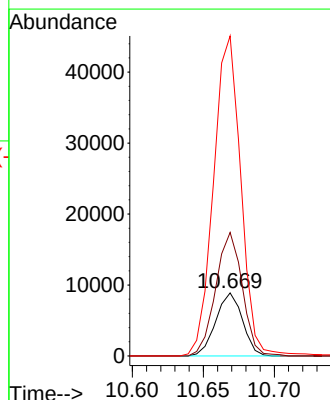
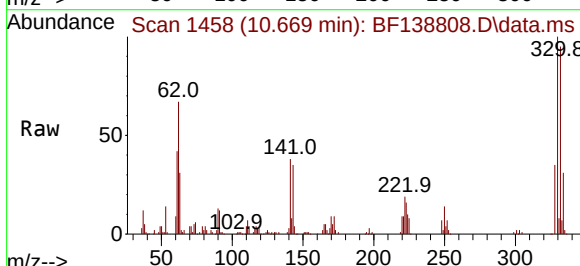
Tgt Ion:248 Resp: 11583

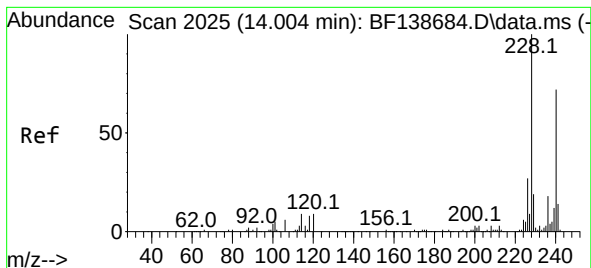
Ion Ratio Lower Upper

248 100

250 196.0 77.7 116.5#

141 507.6 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF138808.D

Acq: 06 Aug 2024 14:23

Instrument :

BNA_F

ClientSampleId :

PB162362TB

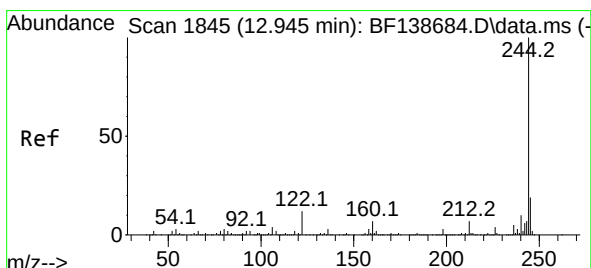
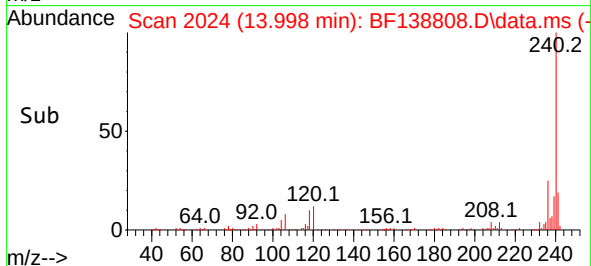
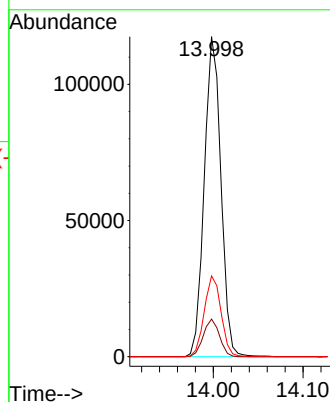
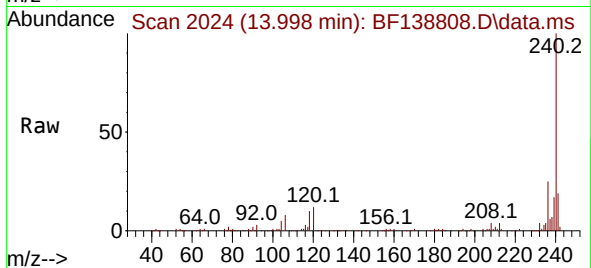
Tgt Ion:240 Resp: 151398

Ion Ratio Lower Upper

240 100

120 11.8 10.2 15.4

236 25.2 19.8 29.8



#79

Terphenyl-d14

Concen: 100.761 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138808.D

Acq: 06 Aug 2024 14:23

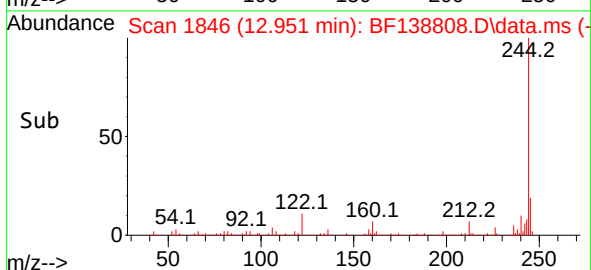
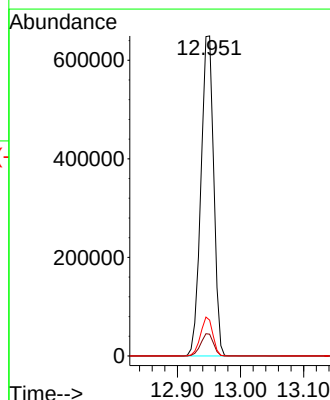
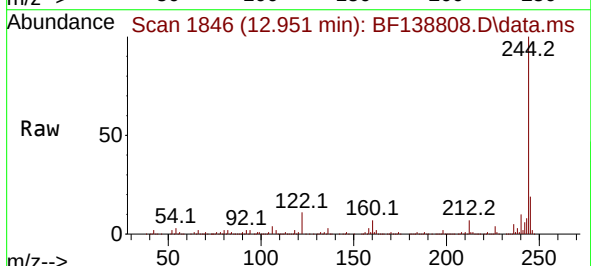
Tgt Ion:244 Resp: 911143

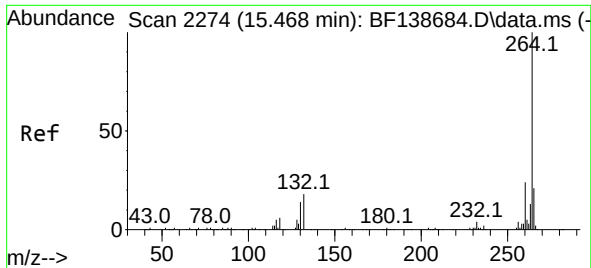
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

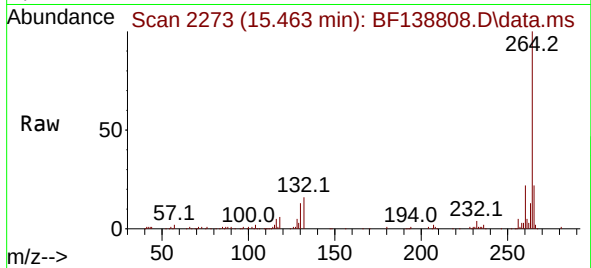
122 11.2 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138808.D
 Acq: 06 Aug 2024 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB162362TB



Tgt Ion:264 Resp: 102941

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.0	28.6
265	21.6	17.0	25.6

