

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138885.D
 Acq On : 09 Aug 2024 12:55
 Operator : RC/JU
 Sample : PB162489BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162489BL

Quant Time: Aug 09 13:17:30 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)

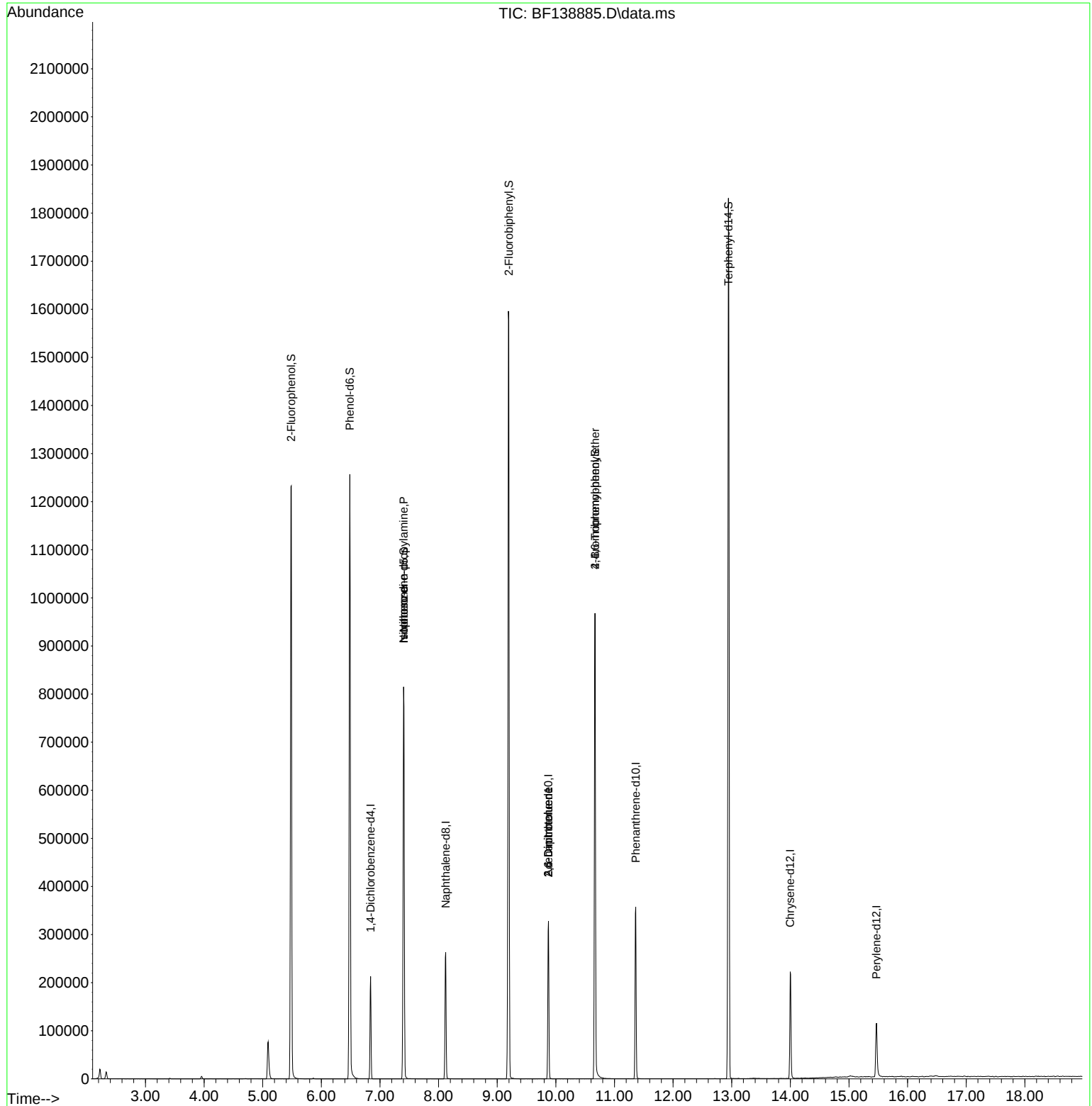
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	40127	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	165520	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	99849	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	189104	20.000	ng	0.00
76) Chrysene-d12	13.998	240	112088	20.000	ng	0.00
86) Perylene-d12	15.468	264	75976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	430299	165.532	ng	0.02
7) Phenol-d6	6.487	99	582434	166.883	ng	0.00
23) Nitrobenzene-d5	7.404	82	380174	112.296	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	149189	182.406	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	732073	110.160	ng	0.00
79) Terphenyl-d14	12.945	244	910350	135.980	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	51787	24.568	ng	# 79
25) Isophorone	7.404	82	377342	65.275	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	12153	8.435	ng	# 21
57) 2,4-Dinitrotoluene	9.875	165	12153	6.611	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	10953	5.350	ng	# 1

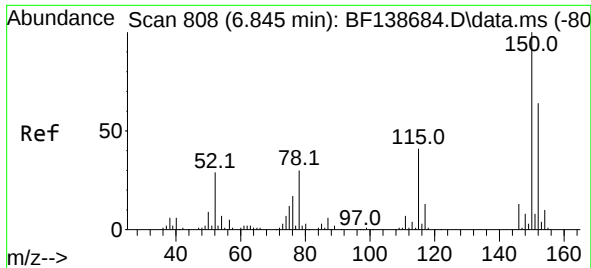
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
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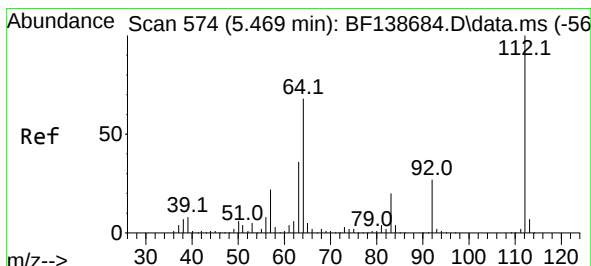
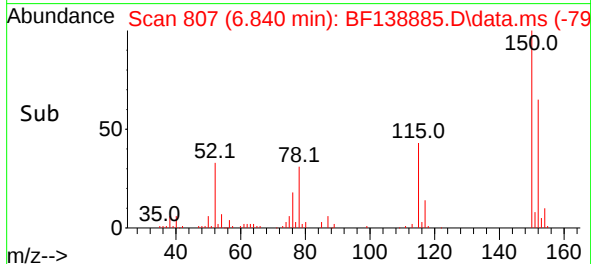
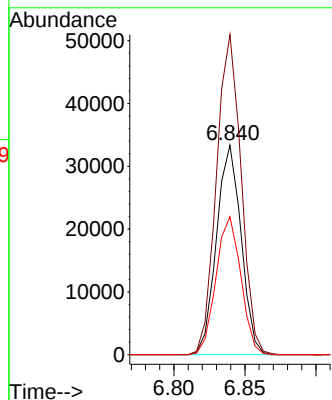
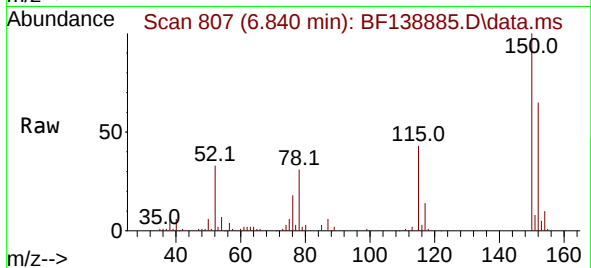




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138885.D
Acq: 09 Aug 2024 12:55

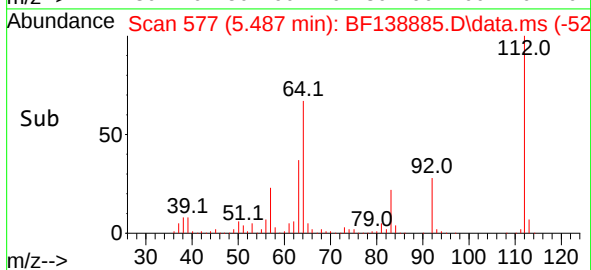
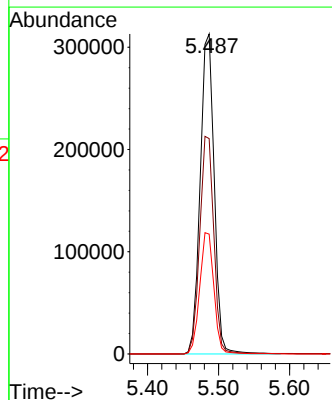
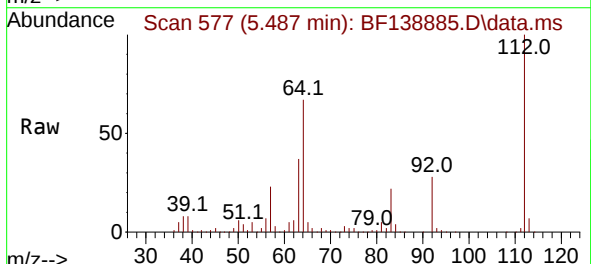
Instrument :
BNA_F
ClientSampleId :
PB162489BL

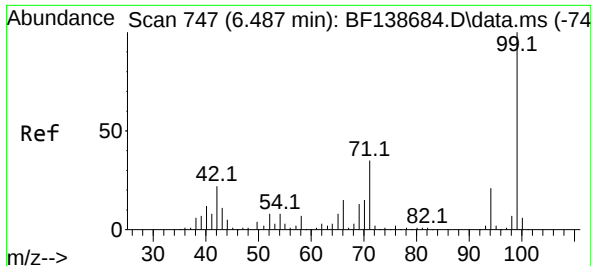
Tgt Ion:152 Resp: 40127
Ion Ratio Lower Upper
152 100
150 152.8 126.0 189.0
115 65.9 51.7 77.5



#5
2-Fluorophenol
Concen: 165.532 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138885.D
Acq: 09 Aug 2024 12:55

Tgt Ion:112 Resp: 430299
Ion Ratio Lower Upper
112 100
64 67.3 54.2 81.4
63 37.5 28.7 43.1

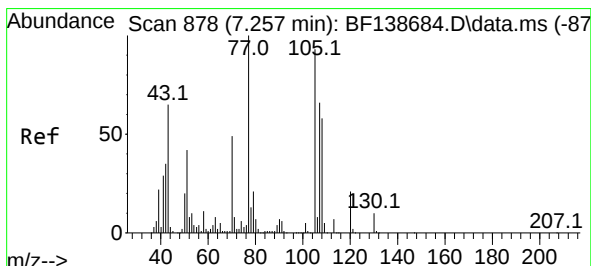
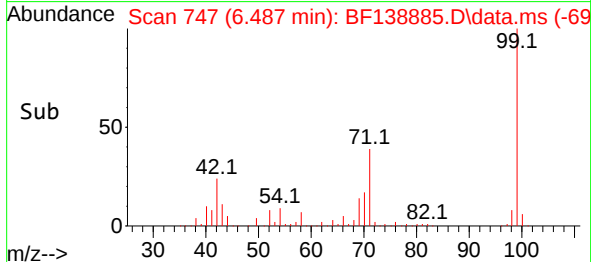
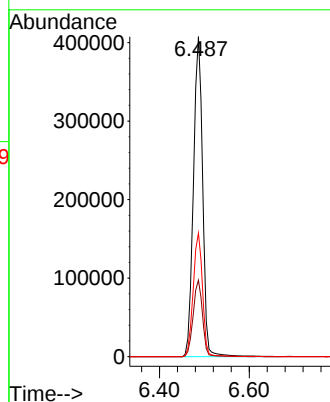
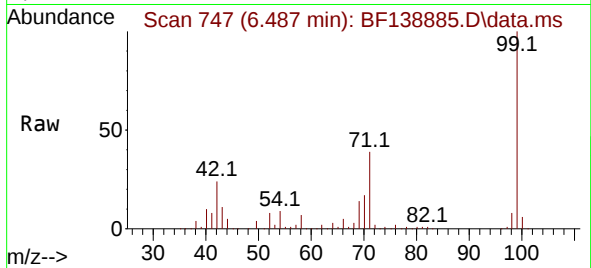




#7
Phenol-d6
Concen: 166.883 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138885.D
Acq: 09 Aug 2024 12:55

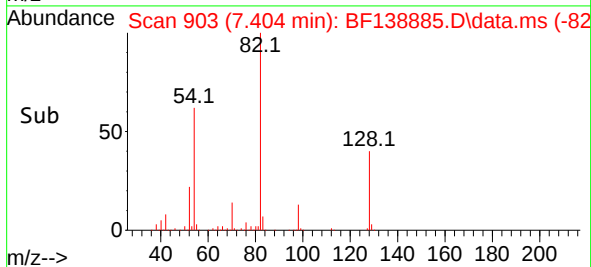
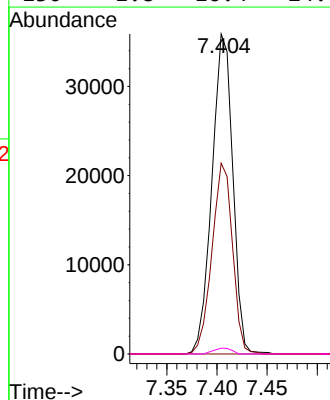
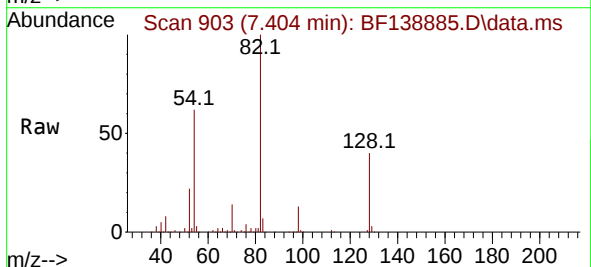
Instrument :
BNA_F
ClientSampleId :
PB162489BL

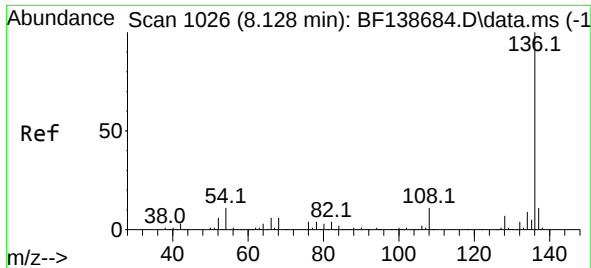
Tgt Ion: 99 Resp: 582434
Ion Ratio Lower Upper
99 100
42 23.9 17.4 26.0
71 38.7 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 24.568 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138885.D
Acq: 09 Aug 2024 12:55

Tgt Ion: 70 Resp: 51787
Ion Ratio Lower Upper
70 100
42 59.6 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#



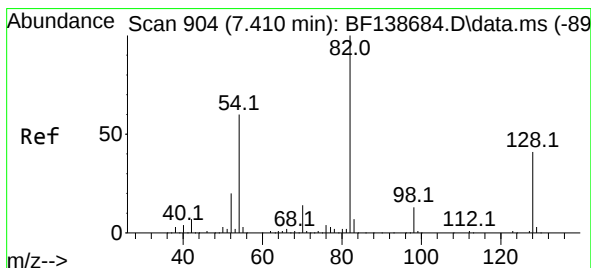
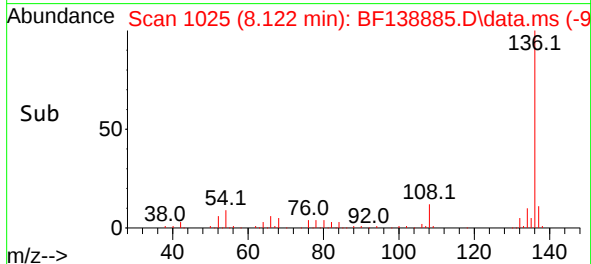
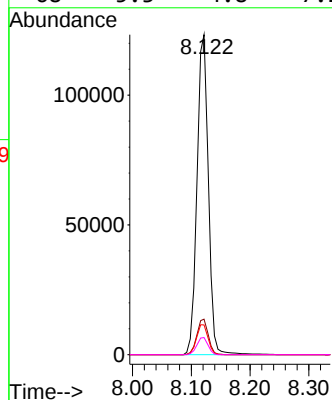
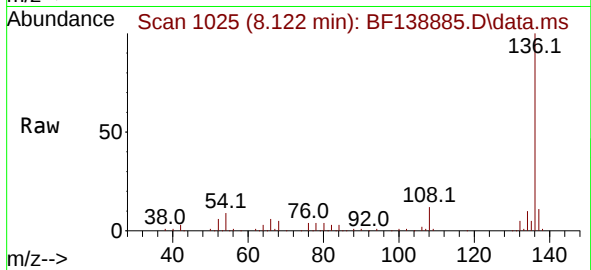


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138885.D
Acq: 09 Aug 2024 12:55

Instrument :
BNA_F
ClientSampleId :
PB162489BL

Tgt Ion:136 Resp: 165520

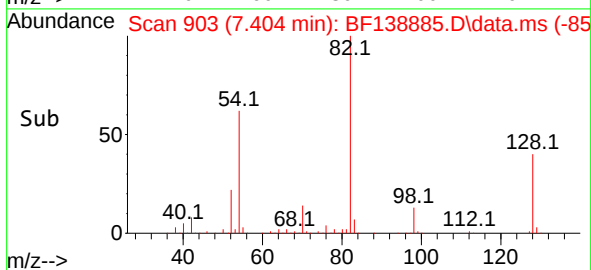
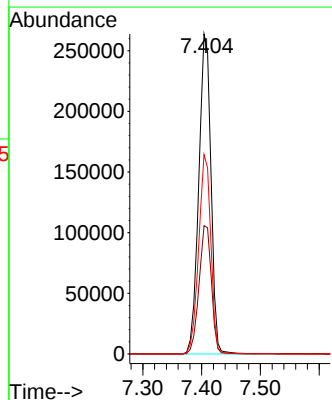
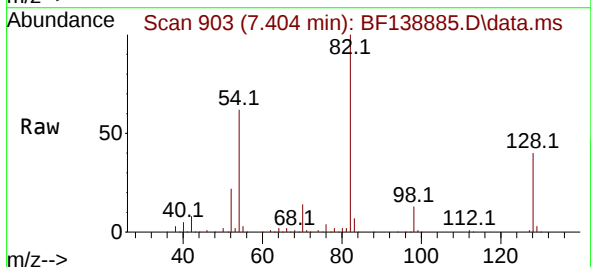
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.3	8.6	12.8
68	5.3	4.8	7.2

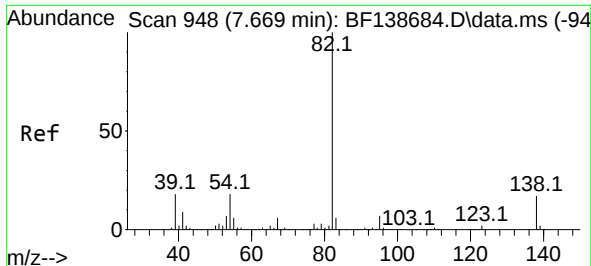


#23
Nitrobenzene-d5
Concen: 112.296 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138885.D
Acq: 09 Aug 2024 12:55

Tgt Ion: 82 Resp: 380174

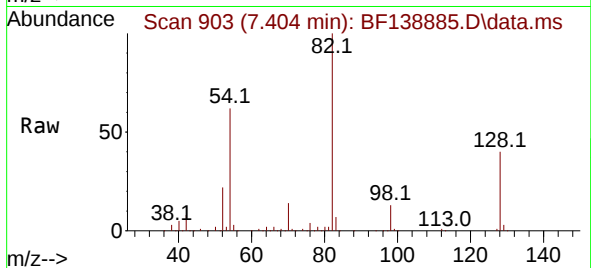
Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.8	49.2
54	62.3	48.3	72.5



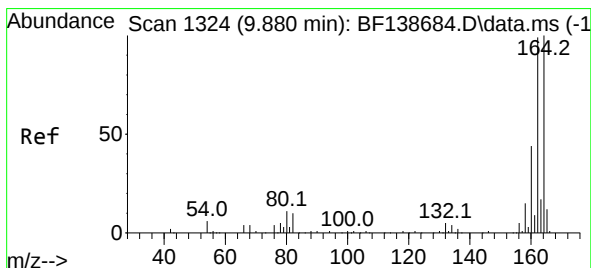
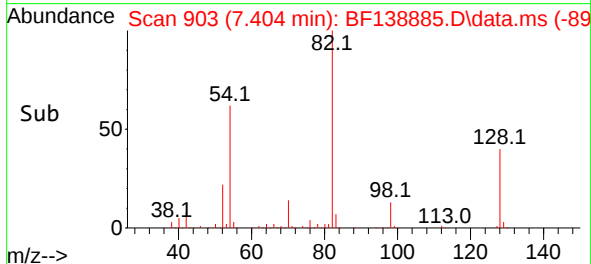
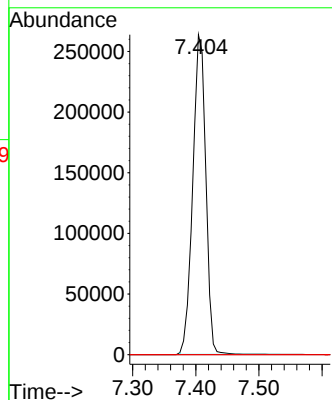


#25
Isophorone
Concen: 65.275 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138885.D
Acq: 09 Aug 2024 12:55

Instrument :
BNA_F
ClientSampleId :
PB162489BL

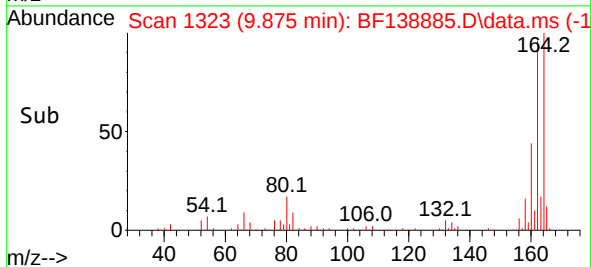
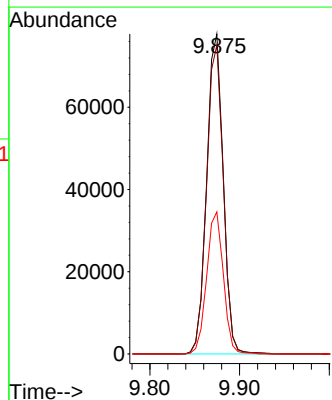
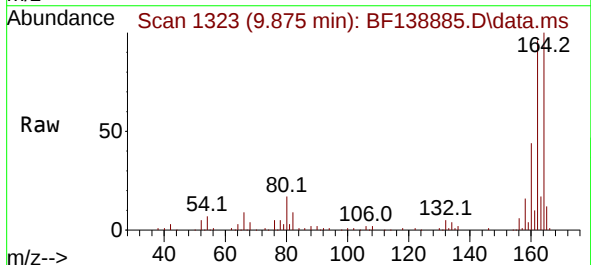


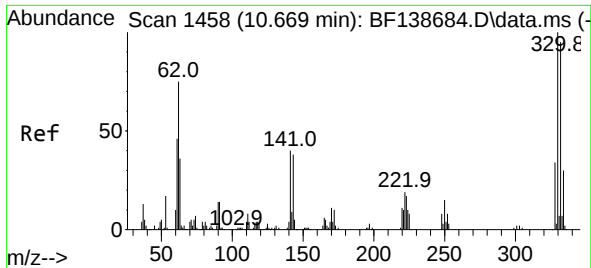
Tgt Ion: 82 Resp: 377342
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138885.D
Acq: 09 Aug 2024 12:55

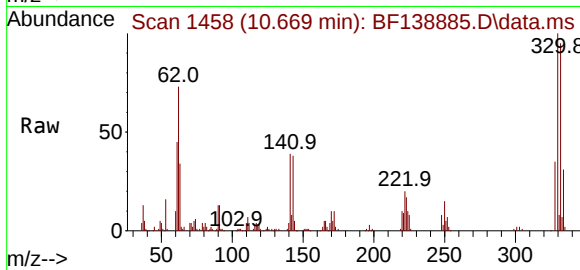
Tgt Ion: 164 Resp: 99849
Ion Ratio Lower Upper
164 100
162 96.5 79.4 119.0
160 44.4 35.1 52.7



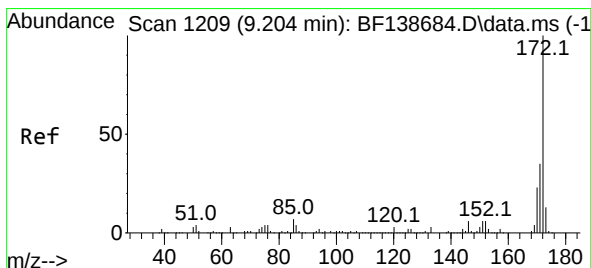
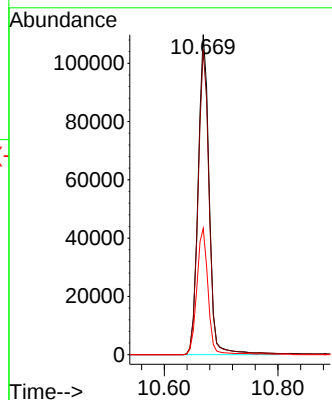
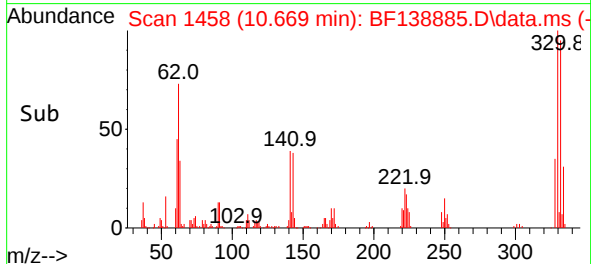


#42
2,4,6-Tribromophenol
Concen: 182.406 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138885.D
Acq: 09 Aug 2024 12:55

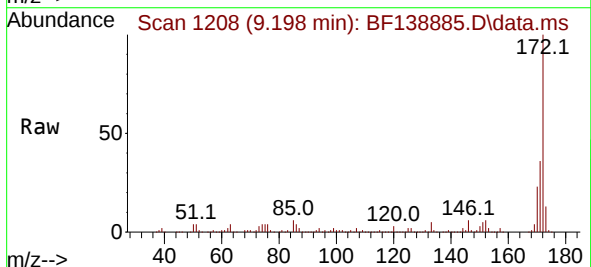
Instrument :
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ClientSampleId :
PB162489BL



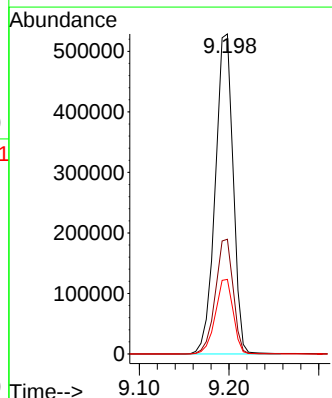
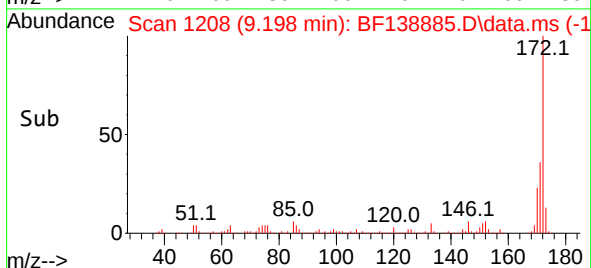
Tgt Ion:330 Resp: 149189
Ion Ratio Lower Upper
330 100
332 94.8 76.4 114.6
141 39.8 31.1 46.7

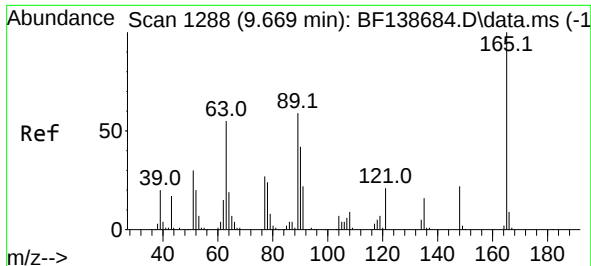


#45
2-Fluorobiphenyl
Concen: 110.160 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138885.D
Acq: 09 Aug 2024 12:55



Tgt Ion:172 Resp: 732073
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.3 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.435 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF138885.D

Acq: 09 Aug 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162489BL

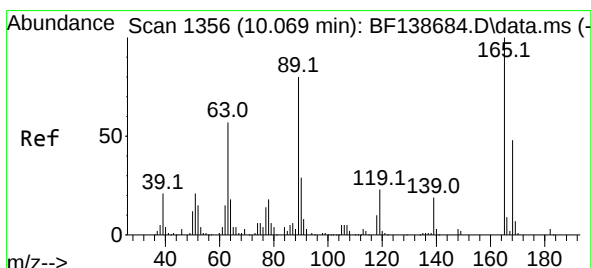
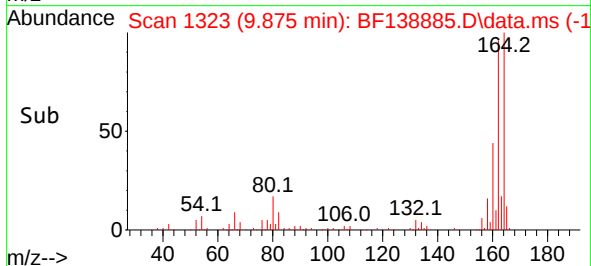
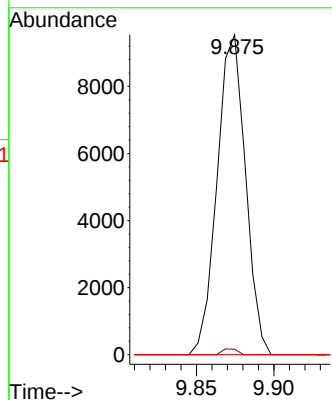
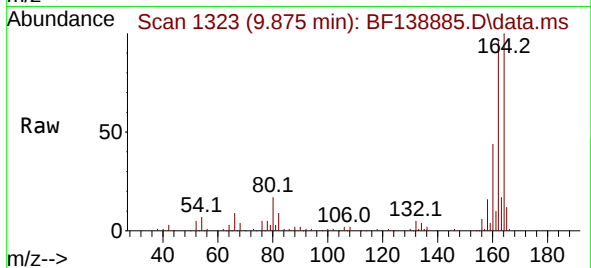
Tgt Ion:165 Resp: 12153

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: 6.611 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.194 min

Lab File: BF138885.D

Acq: 09 Aug 2024 12:55

Tgt Ion:165 Resp: 12153

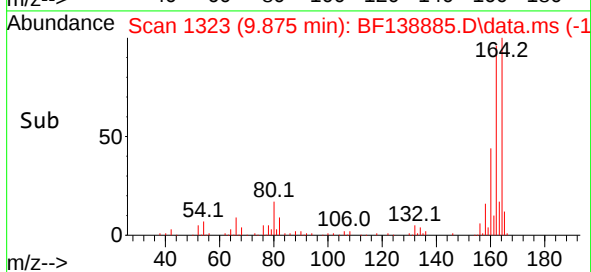
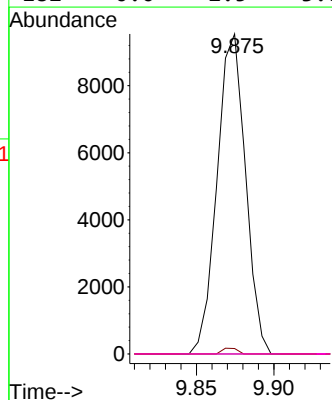
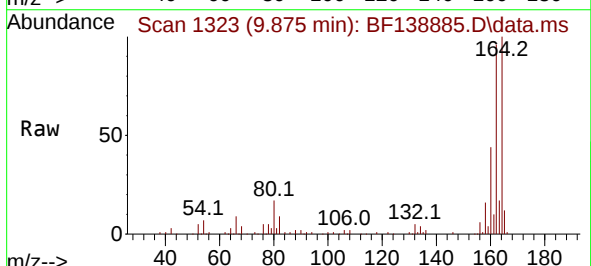
Ion Ratio Lower Upper

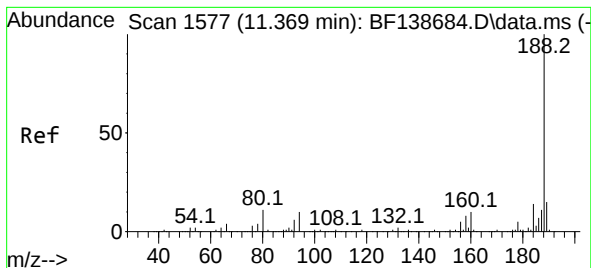
165 100

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: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138885.D

Acq: 09 Aug 2024 12:55

Instrument :

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PB162489BL

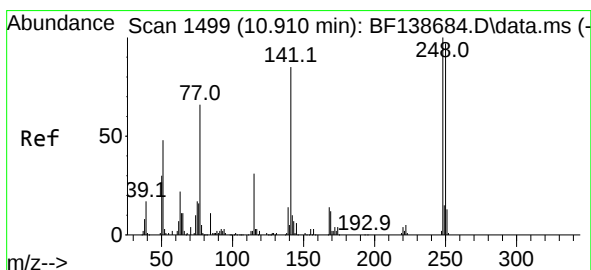
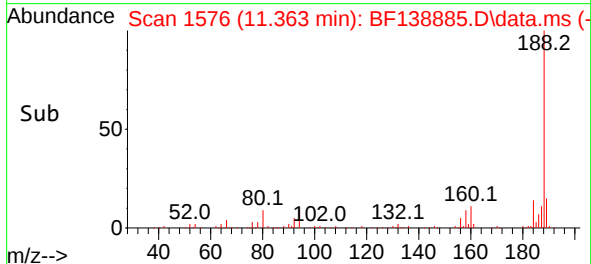
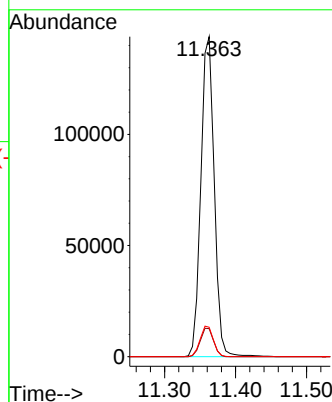
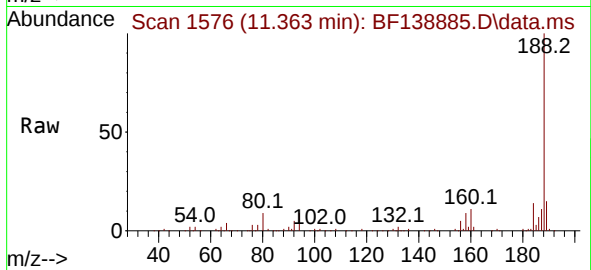
Tgt Ion:188 Resp: 189104

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 9.2 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.350 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138885.D

Acq: 09 Aug 2024 12:55

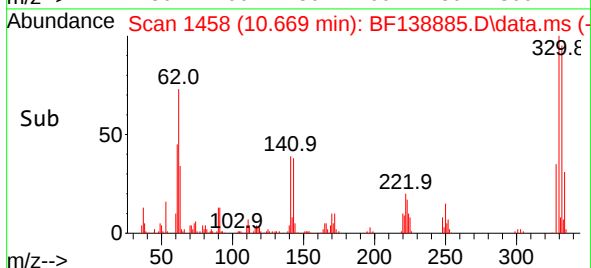
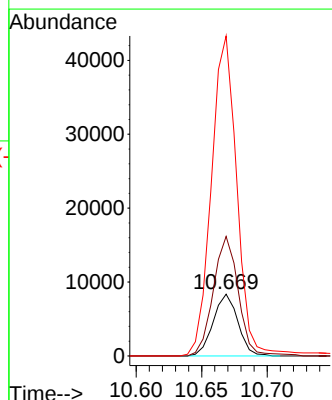
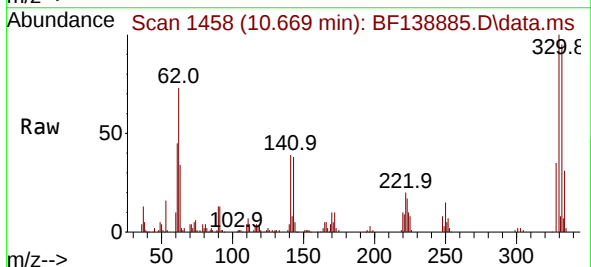
Tgt Ion:248 Resp: 10953

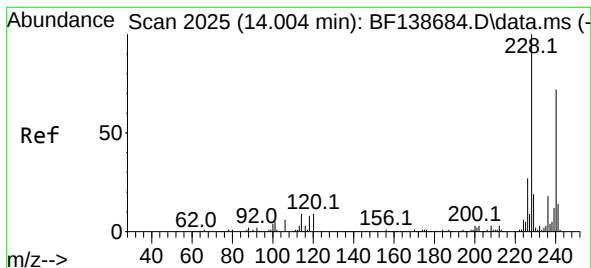
Ion Ratio Lower Upper

248 100

250 193.3 77.7 116.5#

141 517.6 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: BF138885.D

Acq: 09 Aug 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162489BL

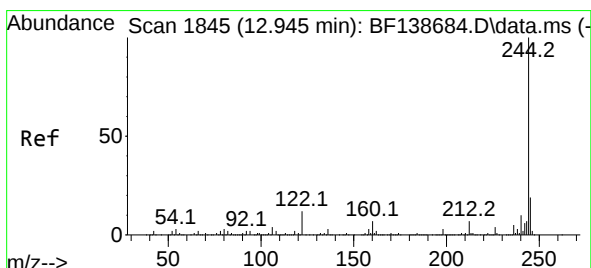
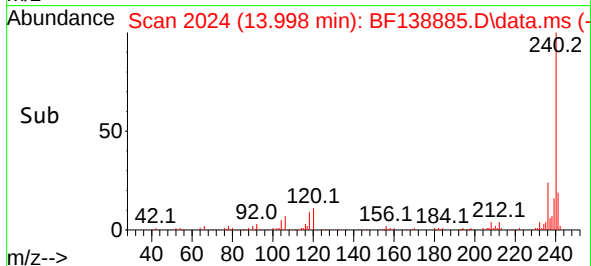
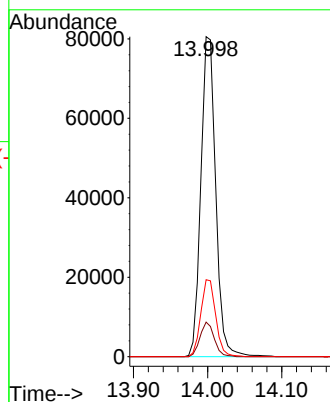
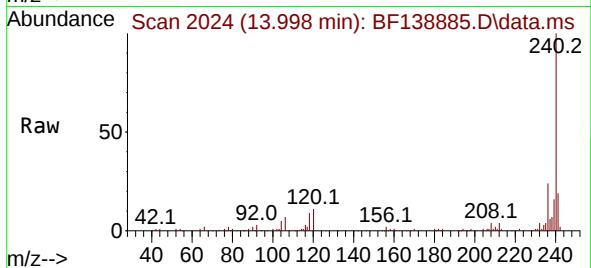
Tgt Ion:240 Resp: 112088

Ion Ratio Lower Upper

240 100

120 10.8 10.2 15.4

236 24.0 19.8 29.8



#79

Terphenyl-d14

Concen: 135.980 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138885.D

Acq: 09 Aug 2024 12:55

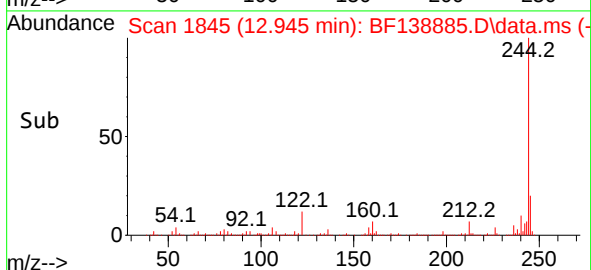
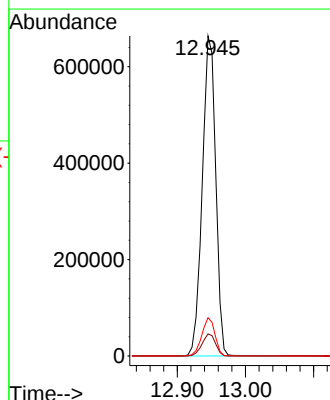
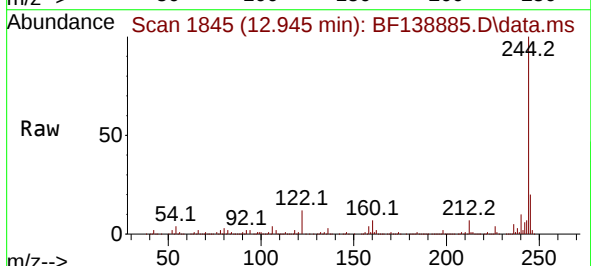
Tgt Ion:244 Resp: 910350

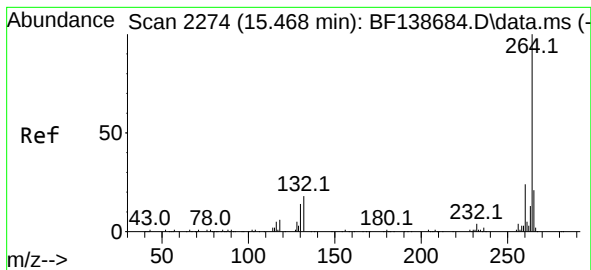
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 12.0 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: BF138885.D

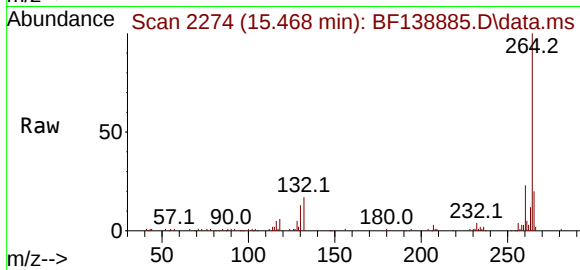
Acq: 09 Aug 2024 12:55

Instrument :

BNA_F

ClientSampleId :

PB162489BL



Tgt Ion:264 Resp: 75976

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 20.5 17.0 25.6

