

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138902.D
 Acq On : 10 Aug 2024 11:11
 Operator : RC/JU
 Sample : PB162577TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162577TB

Quant Time: Aug 12 01:12:13 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)

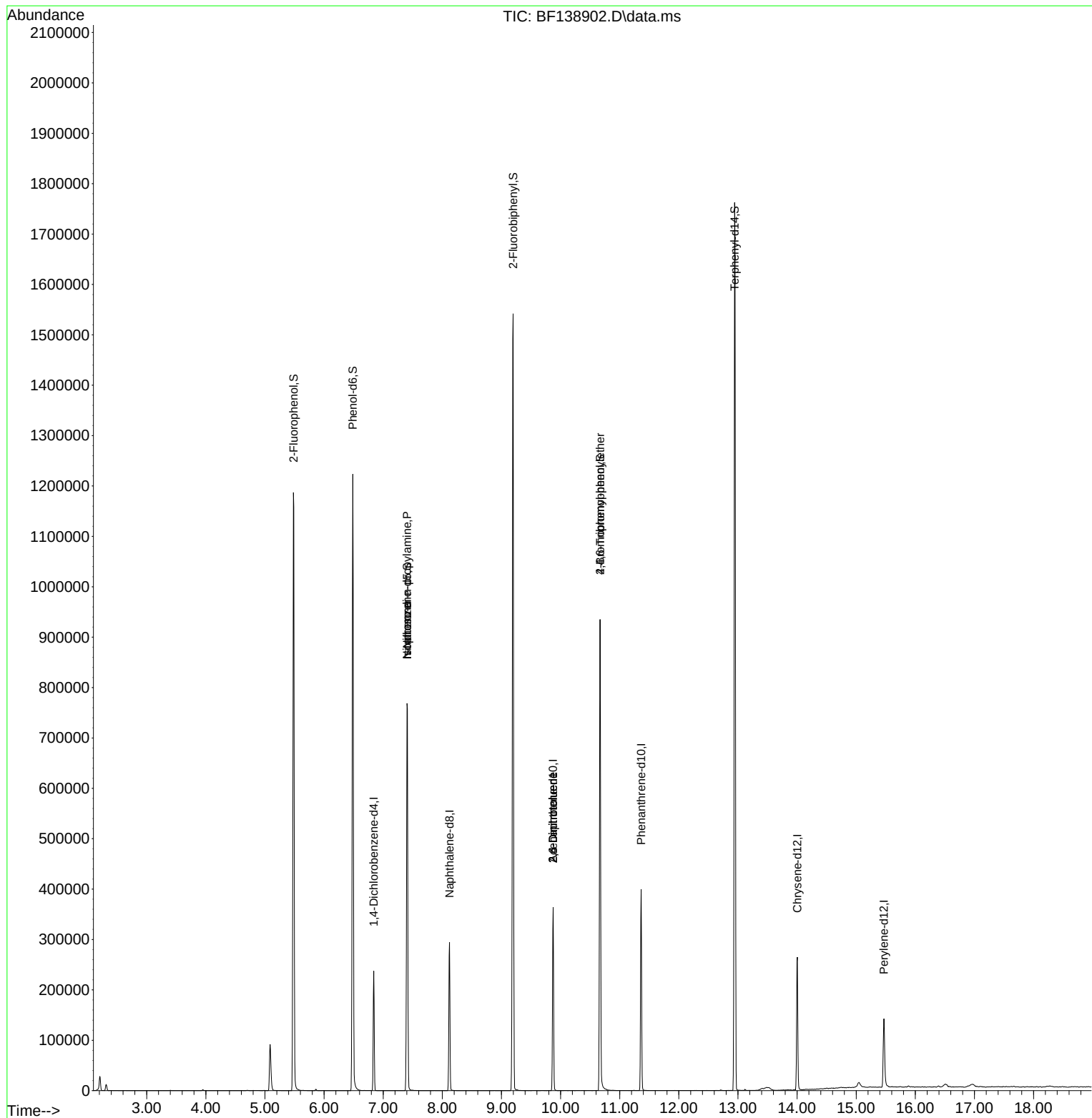
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	43918	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	182701	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	107188	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	206263	20.000	ng	0.00
76) Chrysene-d12	14.004	240	130877	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	91416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	414207	145.588	ng	0.02
7) Phenol-d6	6.487	99	553249	144.837	ng	0.00
23) Nitrobenzene-d5	7.404	82	361669	96.784	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	141396	161.041	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	695003	97.421	ng	0.00
79) Terphenyl-d14	12.945	244	871174	111.447	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	50290	21.798	ng	# 78
25) Isophorone	7.404	82	359029	56.266	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	13756	8.893	ng	# 19
57) 2,4-Dinitrotoluene	9.875	165	13756	6.971	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	10606	4.749	ng	# 1

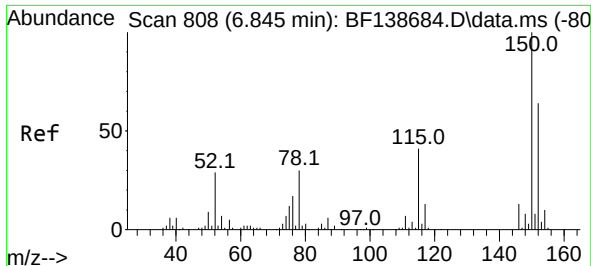
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

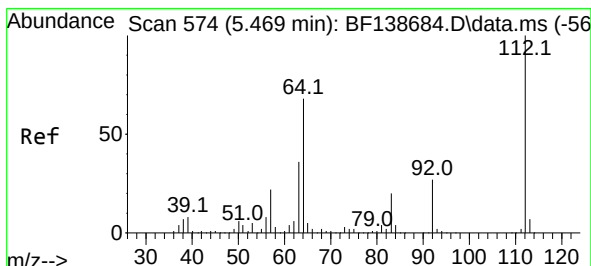
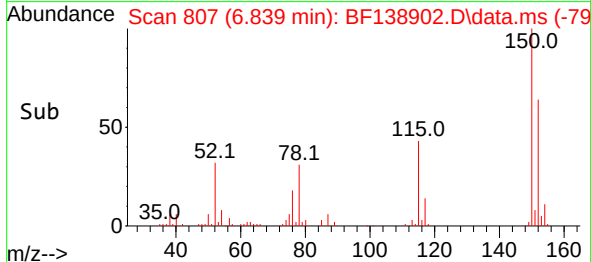
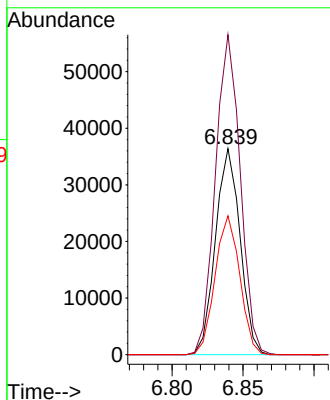
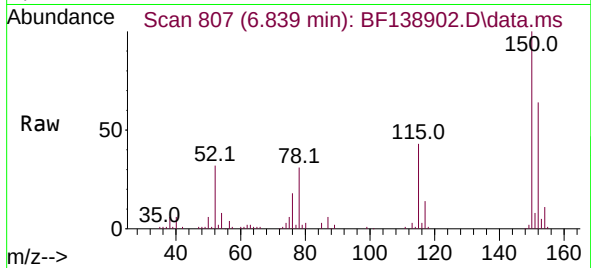




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

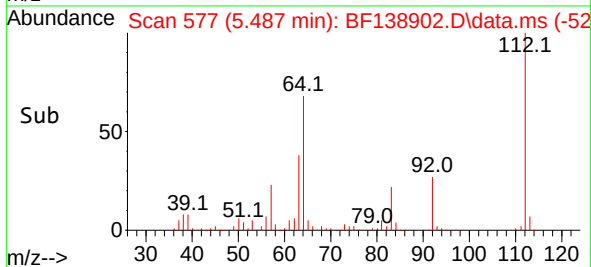
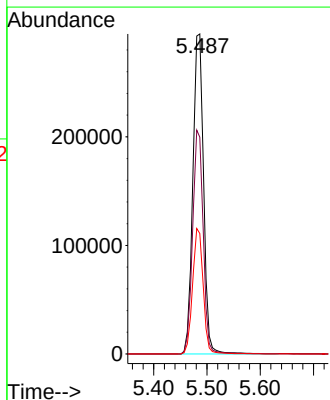
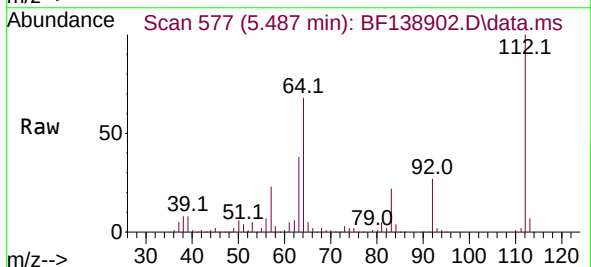
Instrument :
BNA_F
ClientSampleId :
PB162577TB

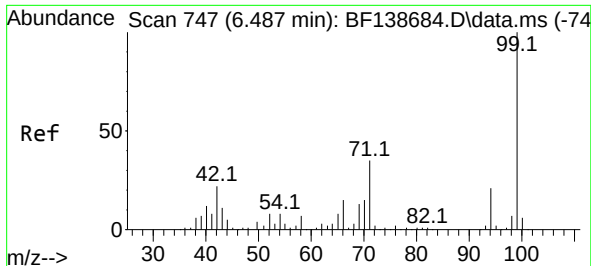
Tgt Ion:152 Resp: 43918
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 67.3 51.7 77.5



#5
2-Fluorophenol
Concen: 145.588 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

Tgt Ion:112 Resp: 414207
Ion Ratio Lower Upper
112 100
64 67.7 54.2 81.4
63 37.7 28.7 43.1

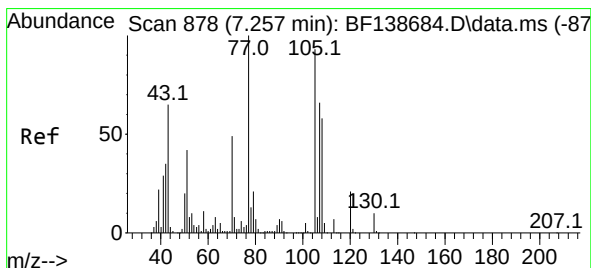
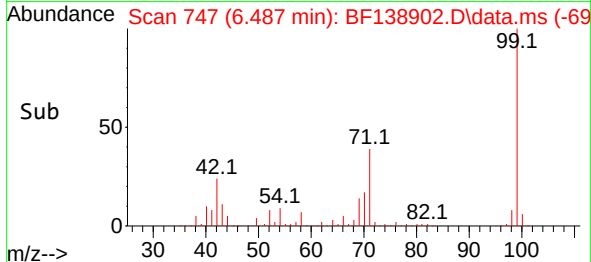
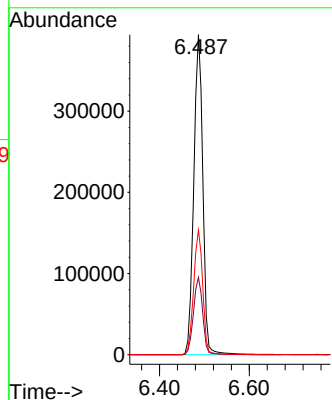
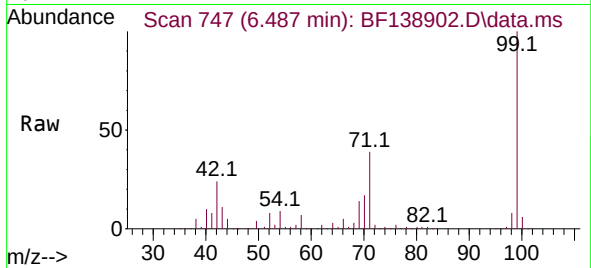




#7
Phenol-d6
Concen: 144.837 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

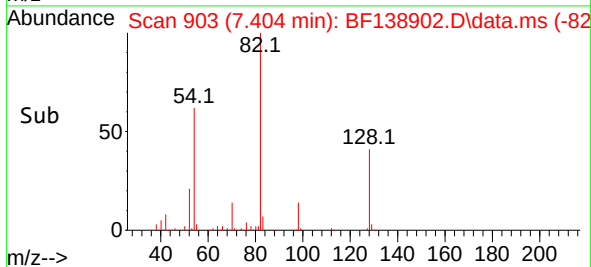
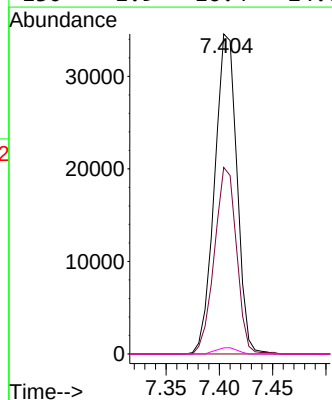
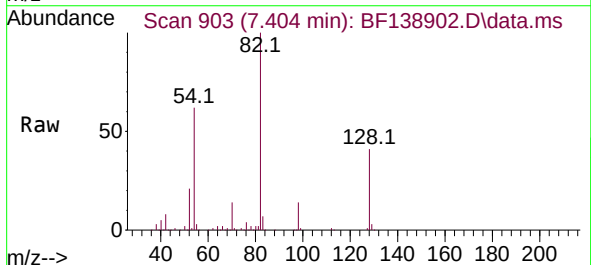
Instrument :
BNA_F
ClientSampleId :
PB162577TB

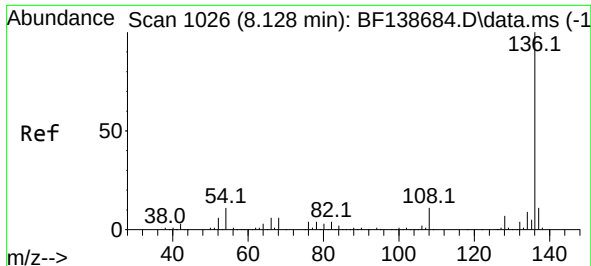
Tgt Ion: 99 Resp: 553249
Ion Ratio Lower Upper
99 100
42 24.2 17.4 26.0
71 38.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.798 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

Tgt Ion: 70 Resp: 50290
Ion Ratio Lower Upper
70 100
42 58.3 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#

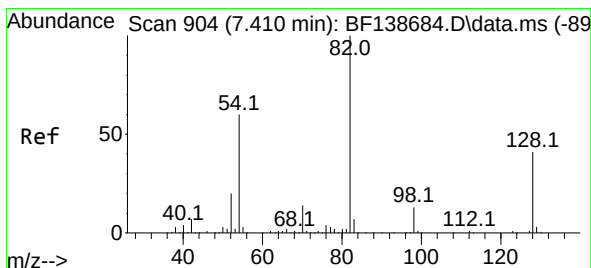
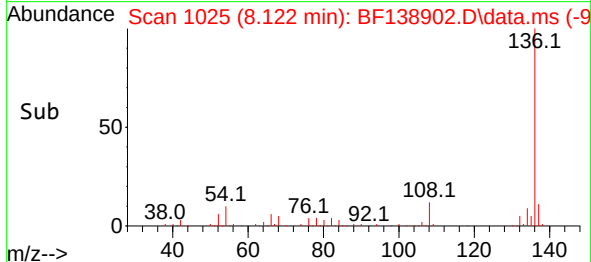
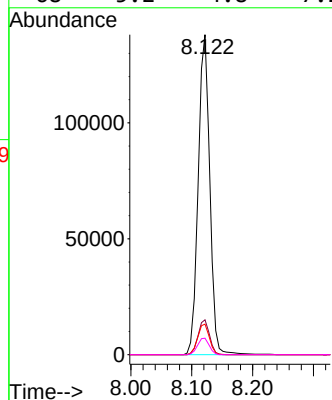
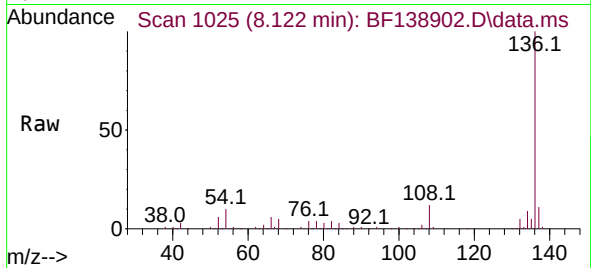




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

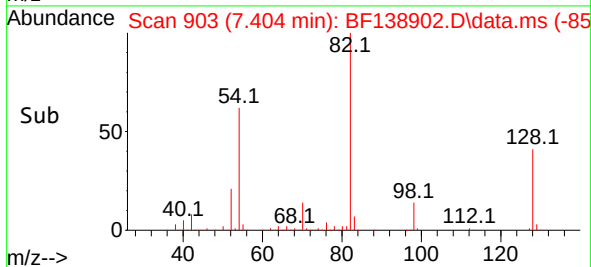
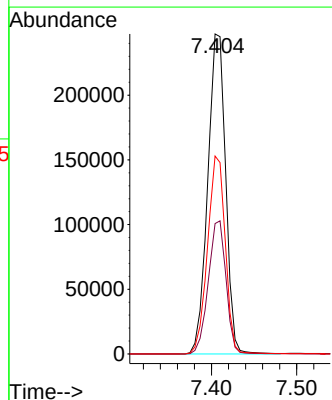
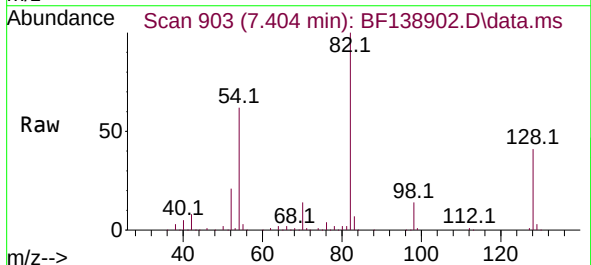
Instrument :
BNA_F
ClientSampleId :
PB162577TB

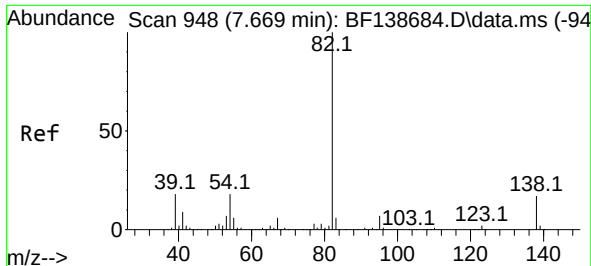
Tgt Ion:136 Resp: 182701
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.6 8.6 12.8
68 5.2 4.8 7.2



#23
Nitrobenzene-d5
Concen: 96.784 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

Tgt Ion: 82 Resp: 361669
Ion Ratio Lower Upper
82 100
128 40.8 32.8 49.2
54 61.9 48.3 72.5

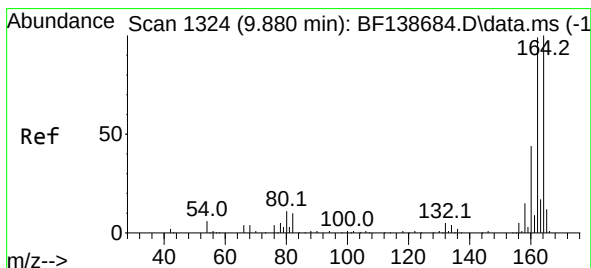
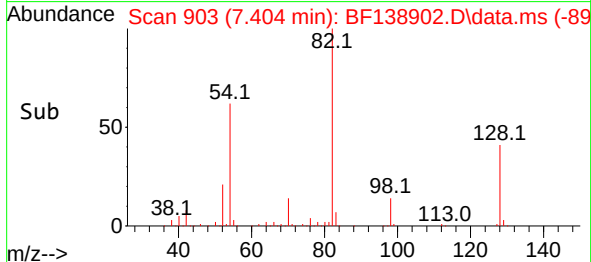
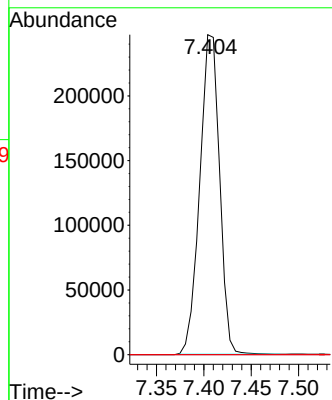
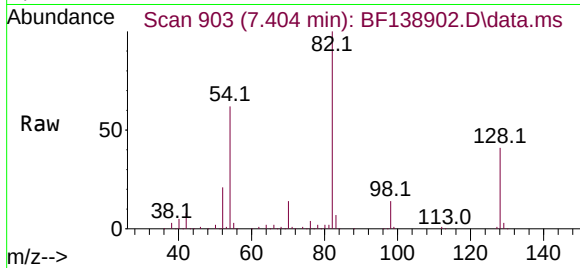




#25
Isophorone
Concen: 56.266 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

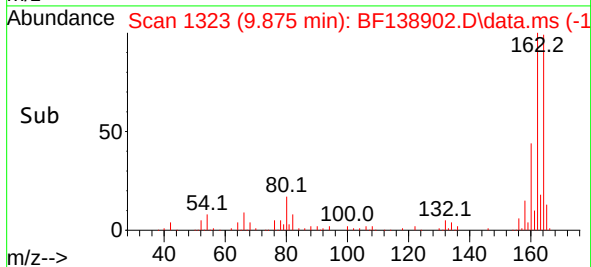
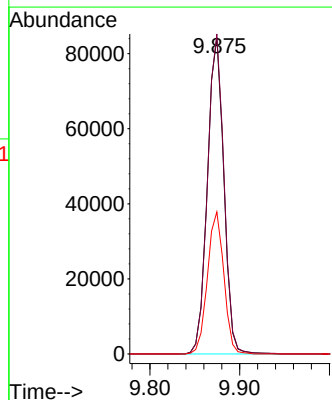
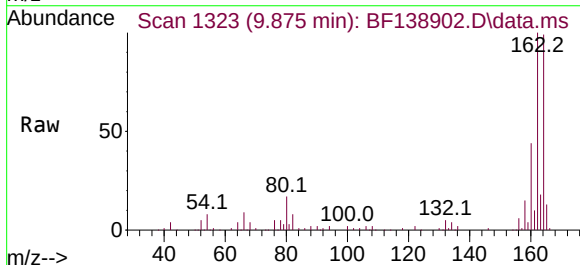
Instrument :
BNA_F
ClientSampleId :
PB162577TB

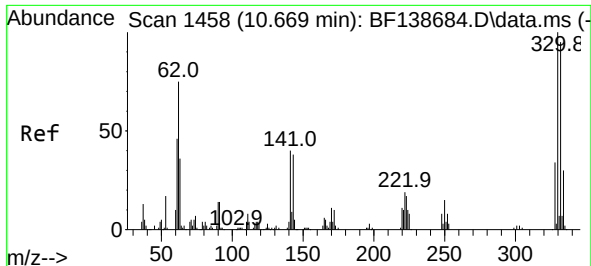
Tgt Ion: 82 Resp: 359029
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

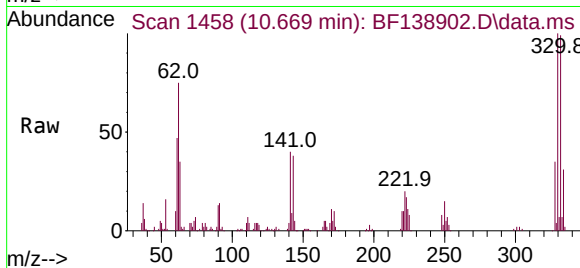
Tgt Ion: 164 Resp: 107188
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.0
160 44.9 35.1 52.7



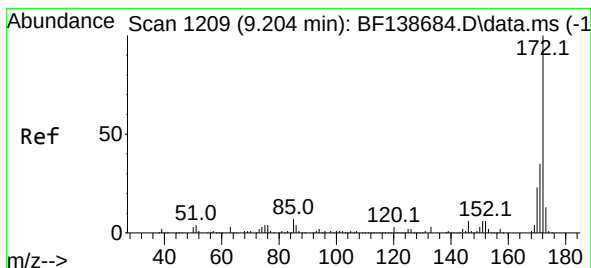
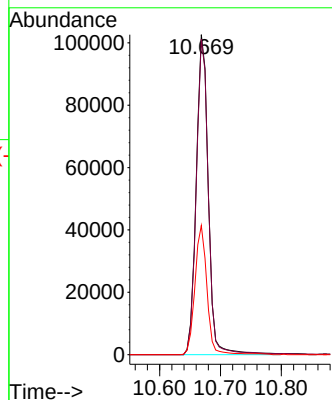
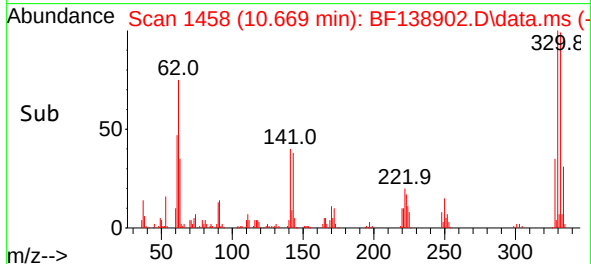


#42
2,4,6-Tribromophenol
Concen: 161.041 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

Instrument :
BNA_F
ClientSampleId :
PB162577TB

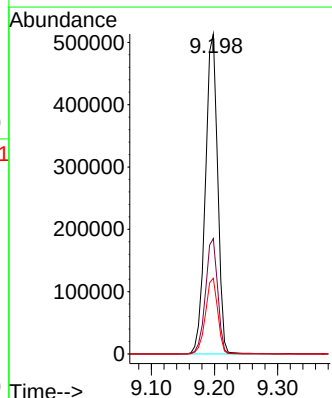
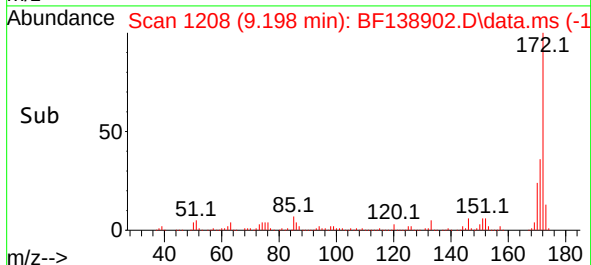
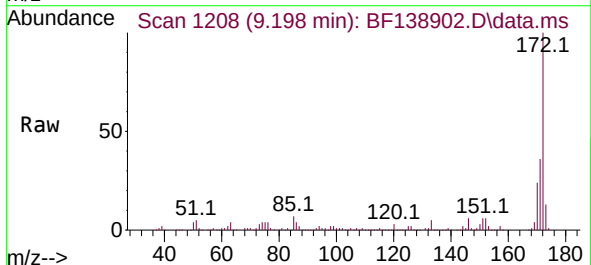


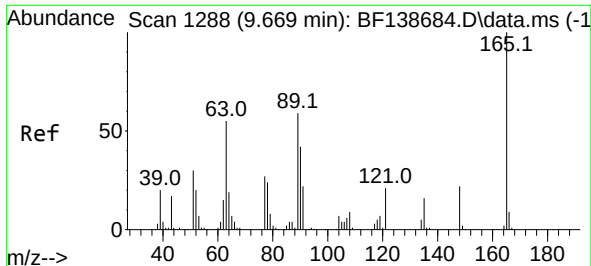
Tgt Ion:330 Resp: 141396
Ion Ratio Lower Upper
330 100
332 98.2 76.4 114.6
141 40.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 97.421 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

Tgt Ion:172 Resp: 695003
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.7 18.8 28.2

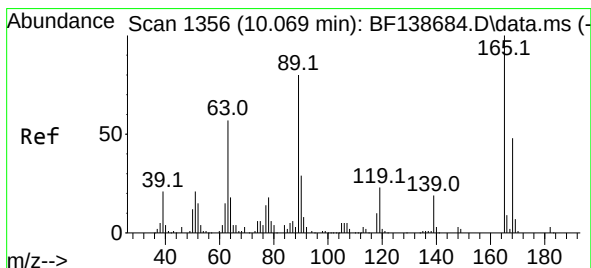
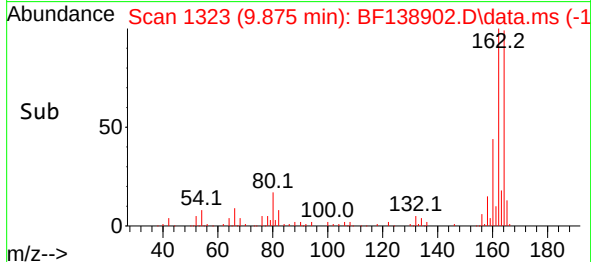
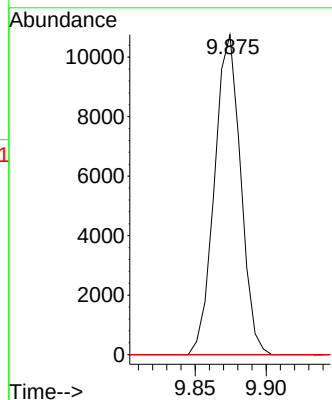
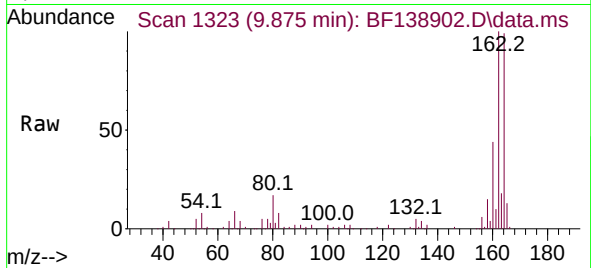




#51
2,6-Dinitrotoluene
Concen: 8.893 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

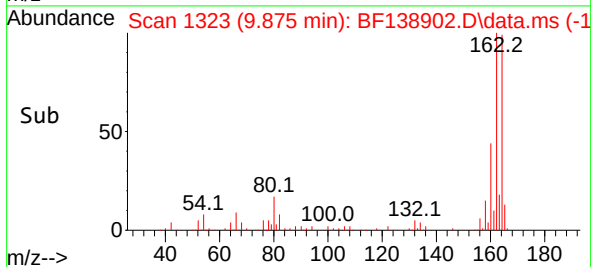
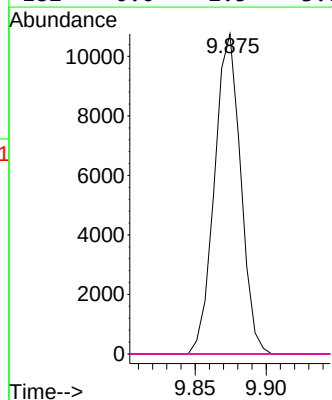
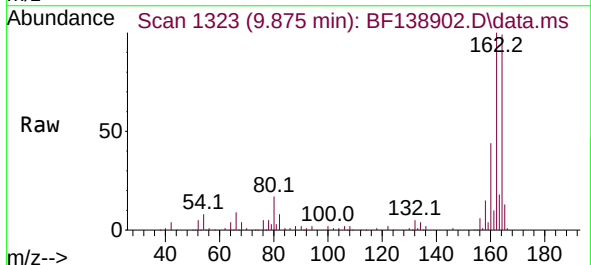
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ClientSampleId :
PB162577TB

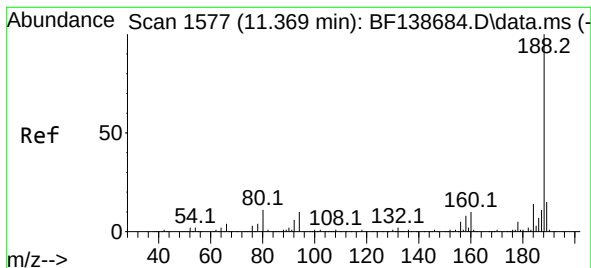
Tgt Ion:165 Resp: 13756
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.971 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

Tgt Ion:165 Resp: 13756
Ion Ratio Lower Upper
165 100
63 0.0 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: BF138902.D

Acq: 10 Aug 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB162577TB

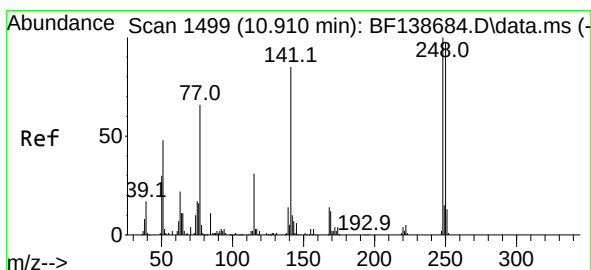
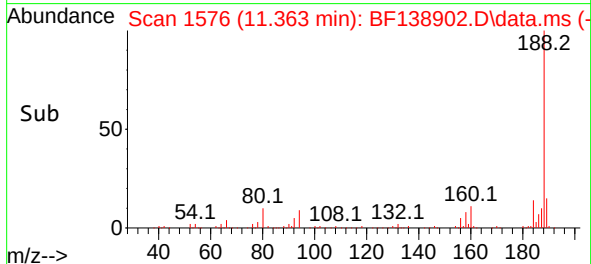
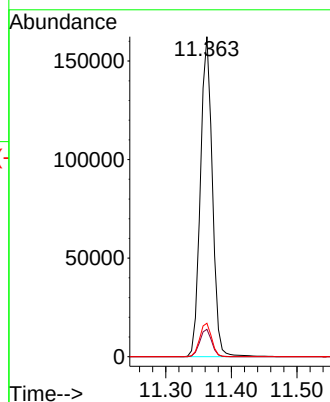
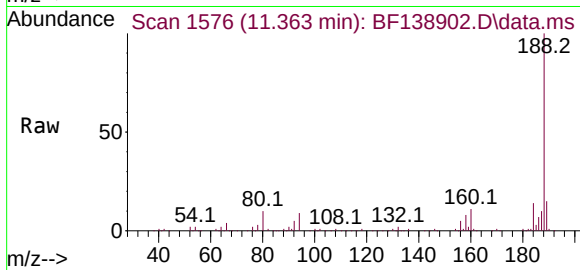
Tgt Ion:188 Resp: 206263

Ion Ratio Lower Upper

188 100

94 8.5 7.6 11.4

80 10.4 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.749 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138902.D

Acq: 10 Aug 2024 11:11

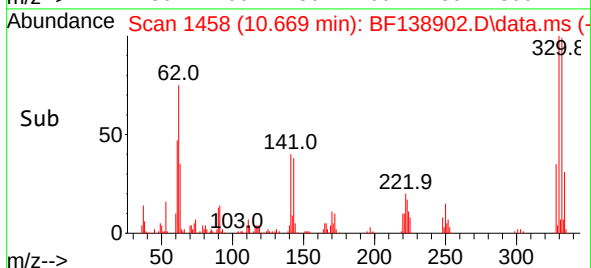
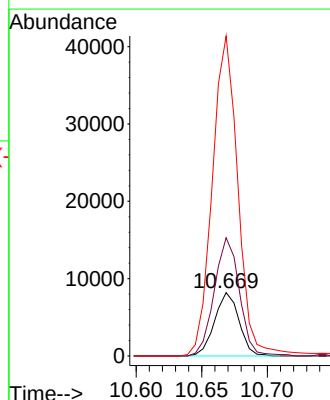
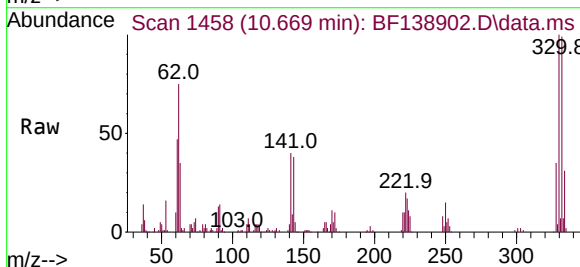
Tgt Ion:248 Resp: 10606

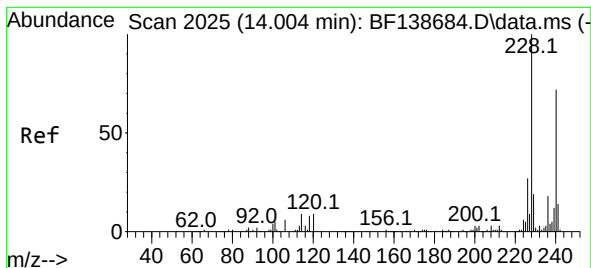
Ion Ratio Lower Upper

248 100

250 186.5 77.7 116.5#

141 504.4 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: BF138902.D

Acq: 10 Aug 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB162577TB

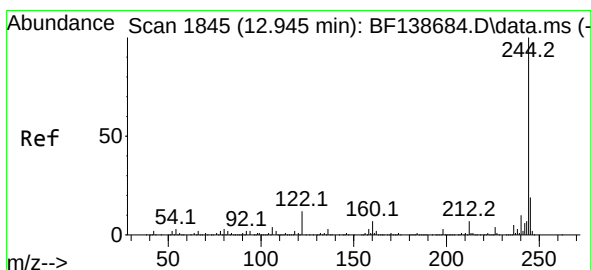
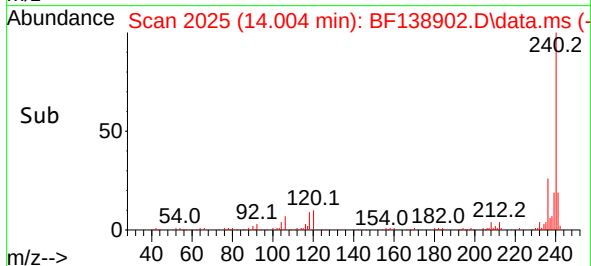
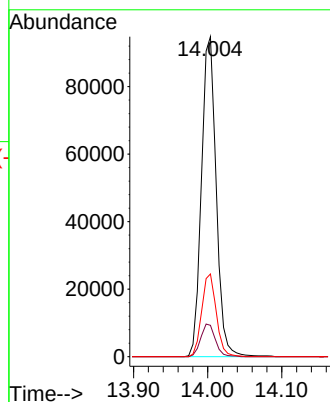
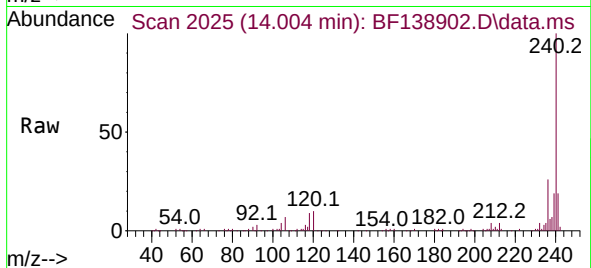
Tgt Ion:240 Resp: 130877

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.4#

236 25.8 19.8 29.8



#79

Terphenyl-d14

Concen: 111.447 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138902.D

Acq: 10 Aug 2024 11:11

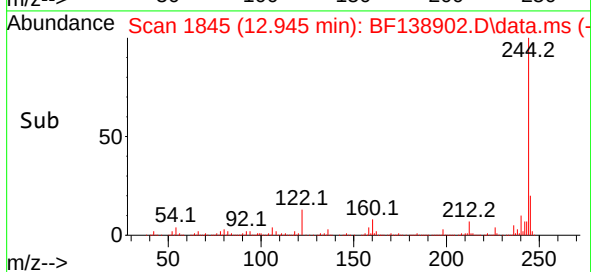
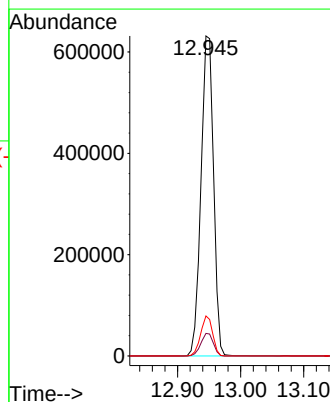
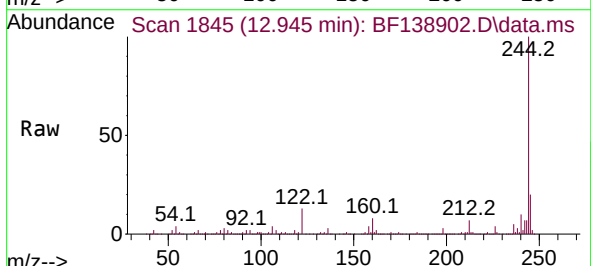
Tgt Ion:244 Resp: 871174

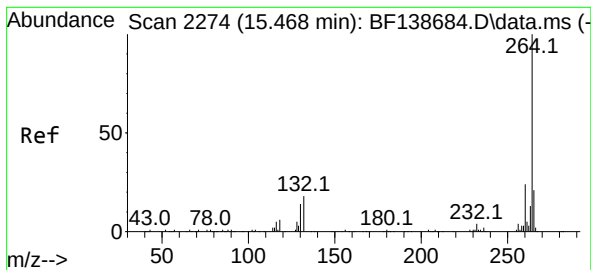
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 12.5 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: BF138902.D

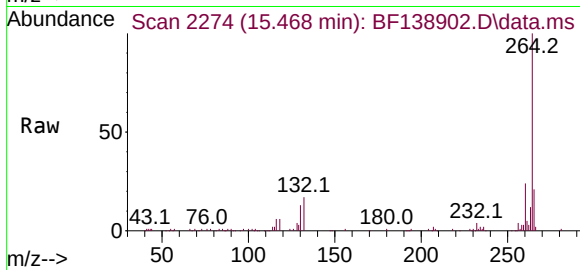
Acq: 10 Aug 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB162577TB



Tgt Ion:264 Resp: 91416

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.1 17.0 25.6

