

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138983.D
 Acq On : 13 Aug 2024 20:03
 Operator : RC/JU
 Sample : PB162621TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162621TB

Quant Time: Aug 14 00:37:14 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)

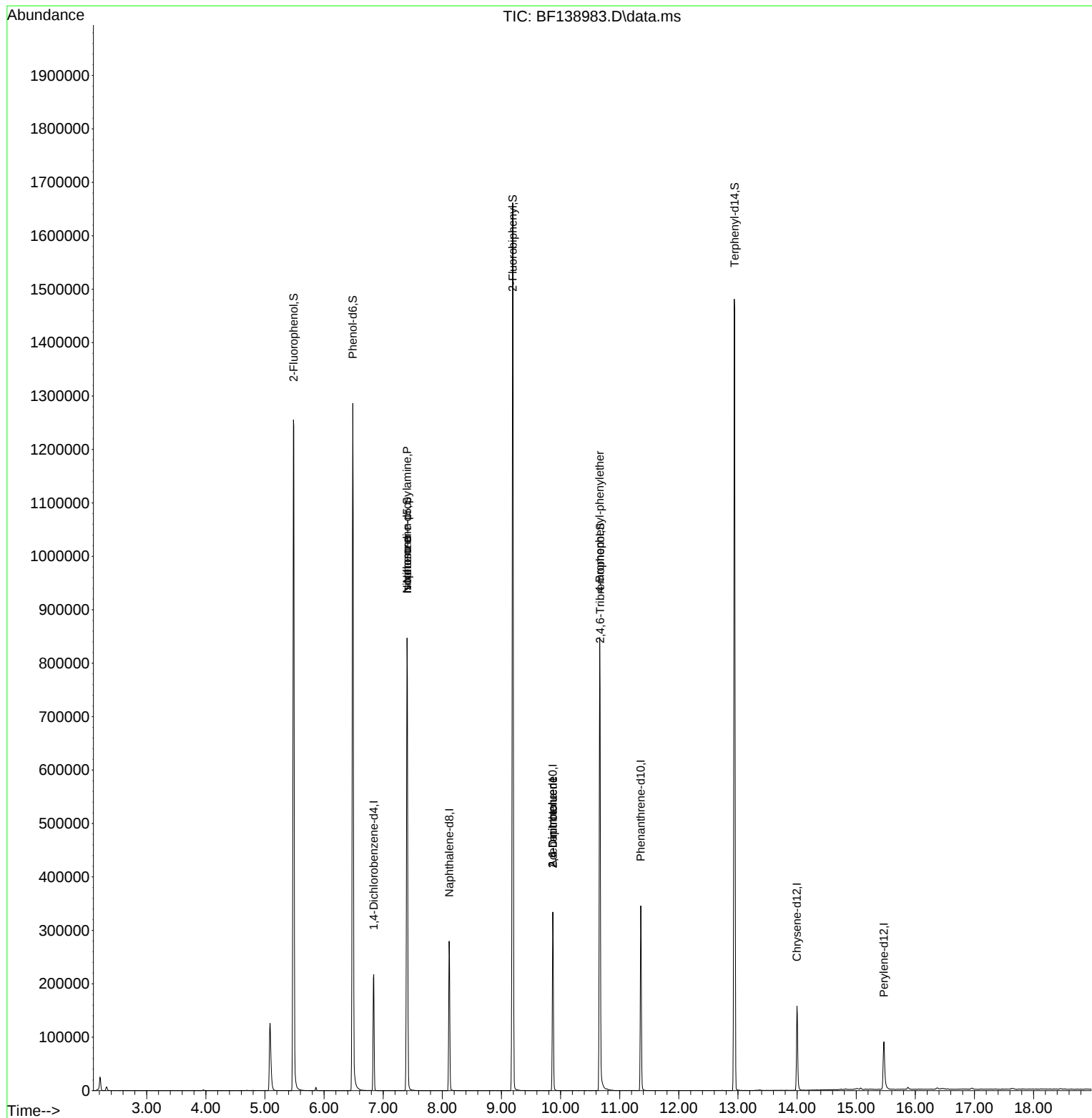
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	41160	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	171146	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	98281	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	176243	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	83366	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	66788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	439383	164.785	ng	0.02
7) Phenol-d6	6.487	99	584728	163.335	ng	0.00
23) Nitrobenzene-d5	7.404	82	389724	111.333	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	128550	159.679	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	725708	110.945	ng	-0.01
79) Terphenyl-d14	12.945	244	728908	146.389	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	53879	24.919	ng	# 79
25) Isophorone	7.404	82	389722	65.200	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12320	8.687	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	12320	6.809	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	9040	4.738	ng	# 1

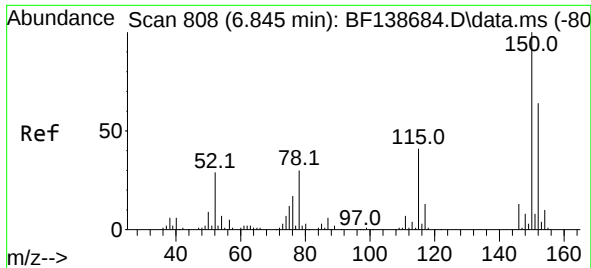
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
Data File : BF138983.D
Acq On : 13 Aug 2024 20:03
Operator : RC/JU
Sample : PB162621TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162621TB

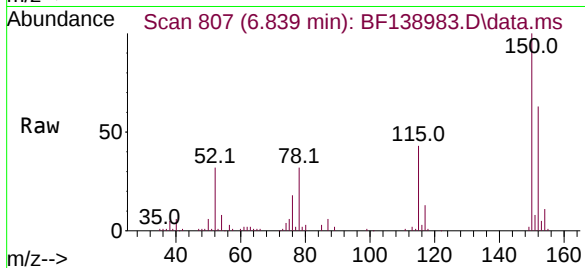
Quant Time: Aug 14 00:37:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



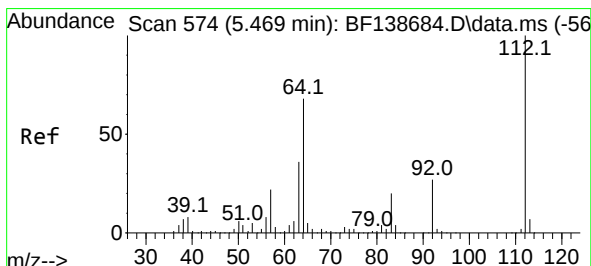
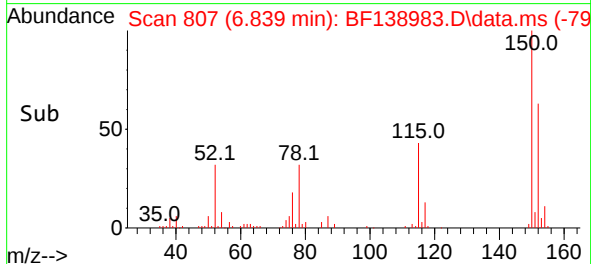
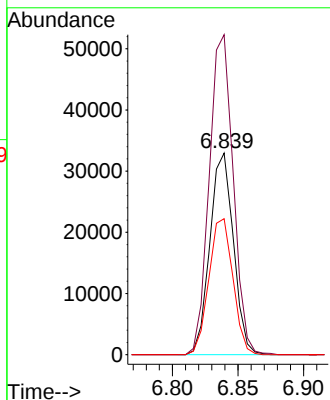


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138983.D
Acq: 13 Aug 2024 20:03

Instrument :
BNA_F
ClientSampleId :
PB162621TB

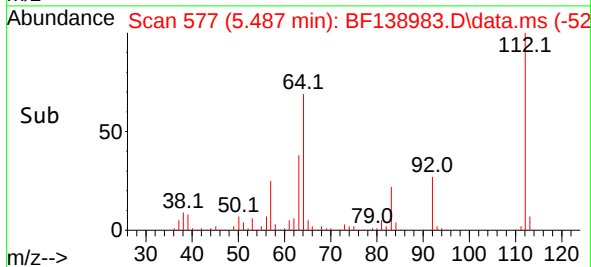
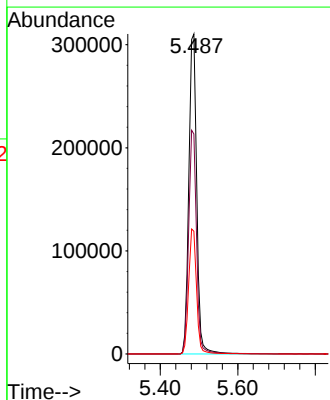
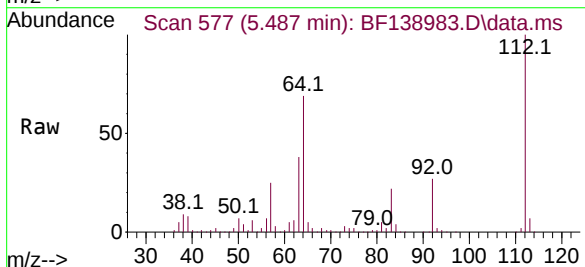


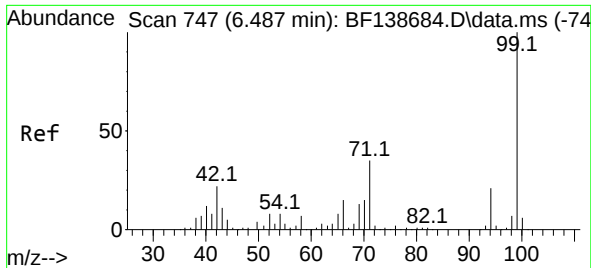
Tgt Ion:152 Resp: 41160
Ion Ratio Lower Upper
152 100
150 158.7 126.0 189.0
115 67.5 51.7 77.5



#5
2-Fluorophenol
Concen: 164.785 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138983.D
Acq: 13 Aug 2024 20:03

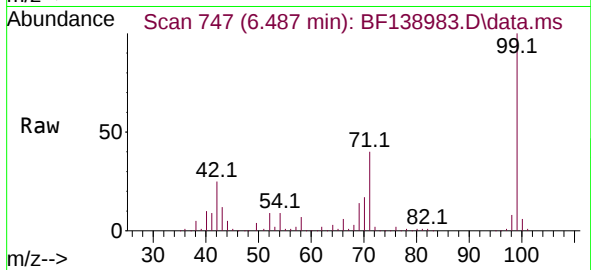
Tgt Ion:112 Resp: 439383
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 38.4 28.7 43.1



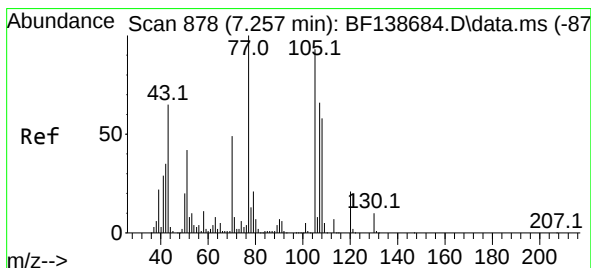
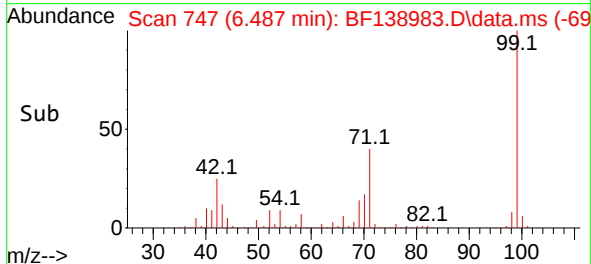
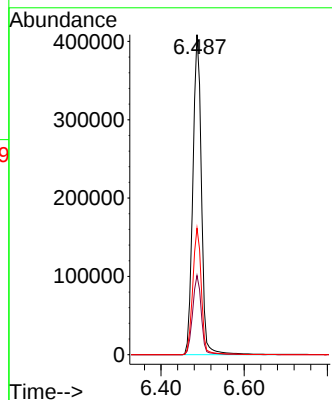


#7
Phenol-d6
Concen: 163.335 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138983.D
Acq: 13 Aug 2024 20:03

Instrument :
BNA_F
ClientSampleId :
PB162621TB

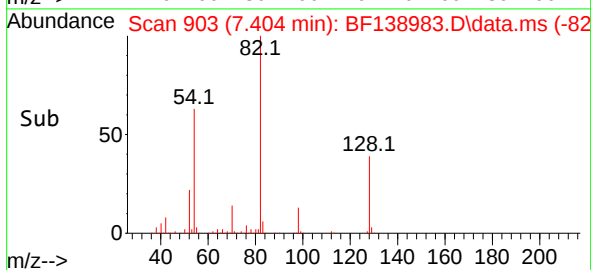
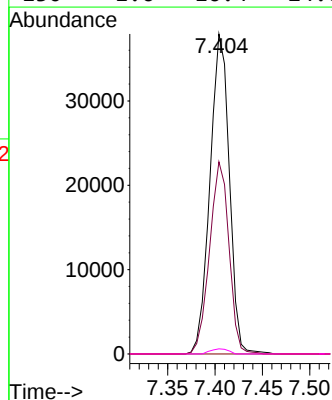
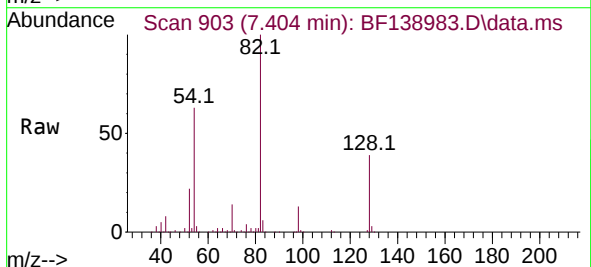


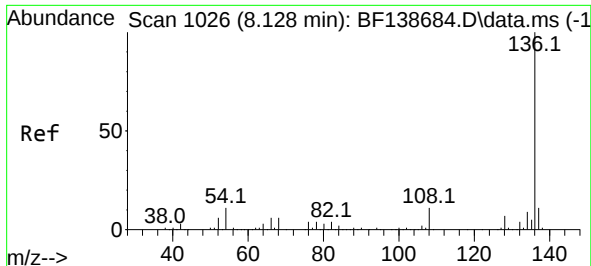
Tgt Ion	Ratio	Lower	Upper
99	100		
42	24.8	17.4	26.0
71	39.6	28.1	42.1



#19
n-Nitroso-di-n-propylamine
Concen: 24.919 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138983.D
Acq: 13 Aug 2024 20:03

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.0	57.4	86.0
101	0.0	7.5	11.3#
130	1.6	16.4	24.6#





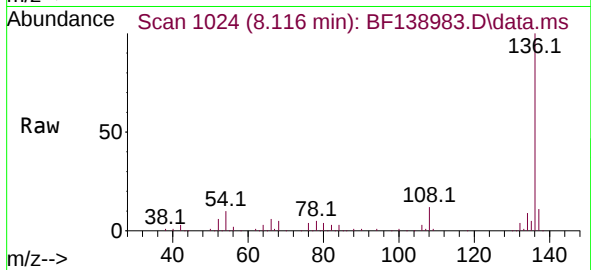
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF138983.D
Acq: 13 Aug 2024 20:03

Instrument :

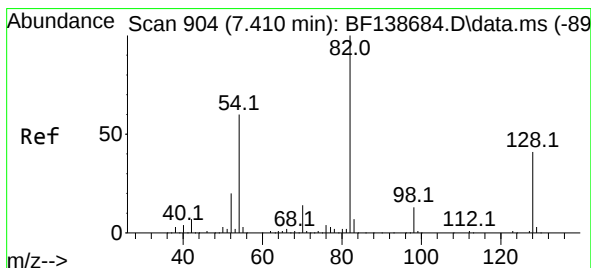
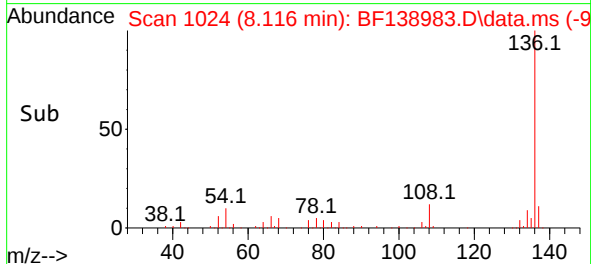
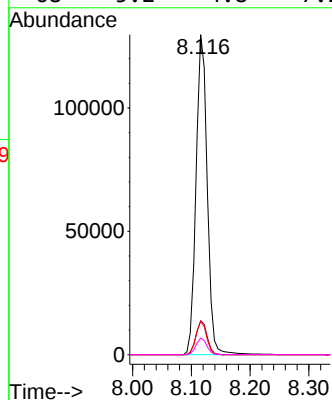
BNA_F

ClientSampleId :

PB162621TB

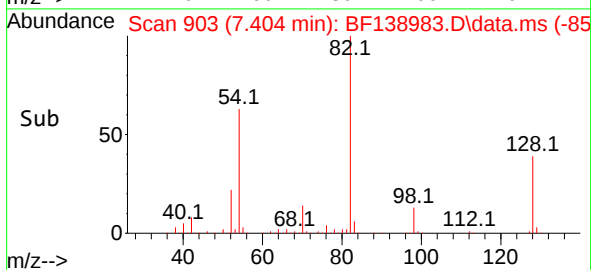
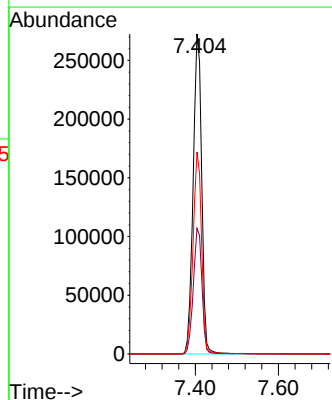
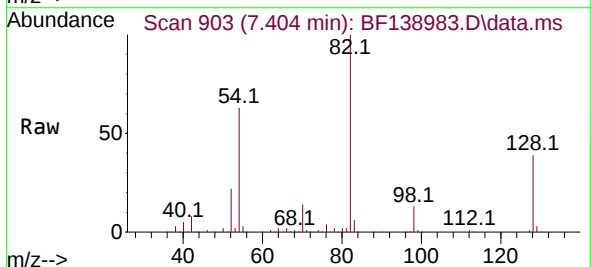


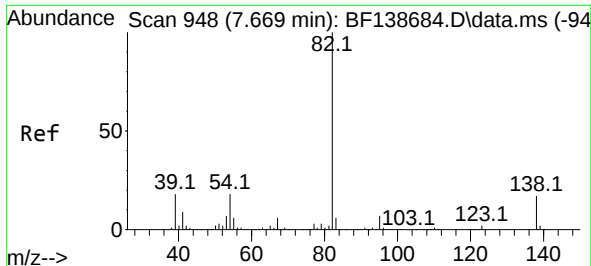
Tgt Ion:136 Resp: 171146
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.4 8.6 12.8
68 5.2 4.8 7.2



#23
Nitrobenzene-d5
Concen: 111.333 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138983.D
Acq: 13 Aug 2024 20:03

Tgt Ion: 82 Resp: 389724
Ion Ratio Lower Upper
82 100
128 39.2 32.8 49.2
54 63.1 48.3 72.5

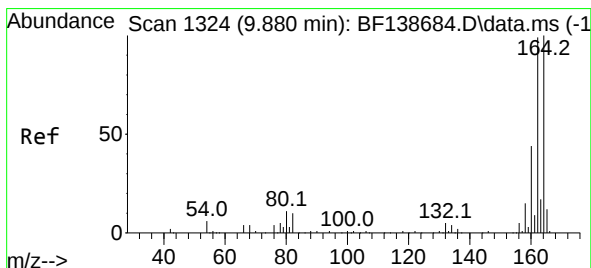
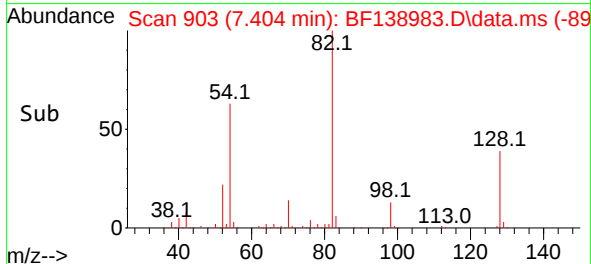
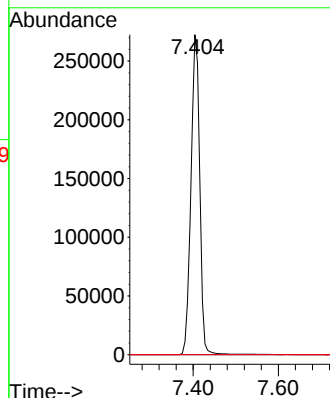
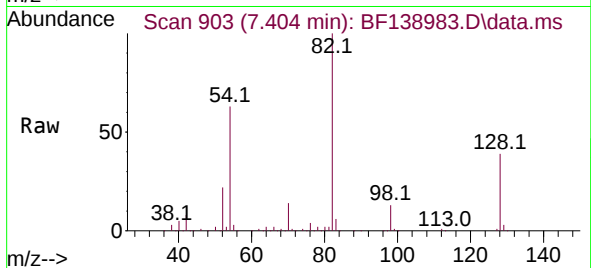




#25
Isophorone
Concen: 65.200 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138983.D
Acq: 13 Aug 2024 20:03

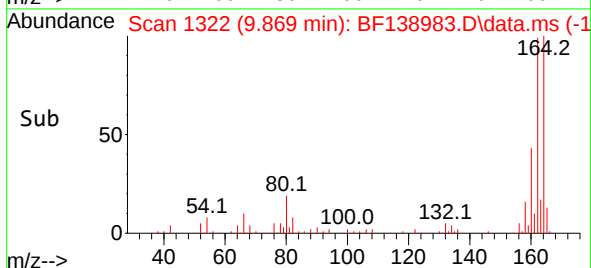
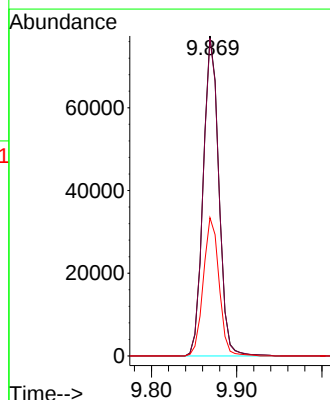
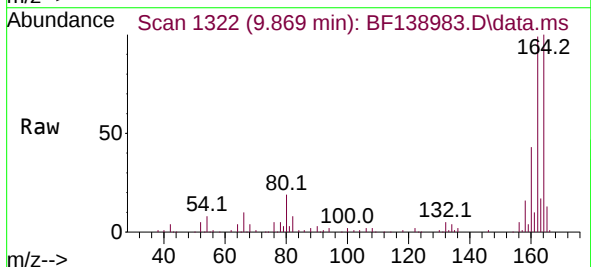
Instrument :
BNA_F
ClientSampleId :
PB162621TB

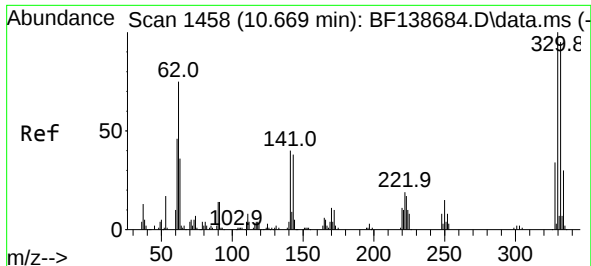
Tgt Ion: 82 Resp: 389722
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138983.D
Acq: 13 Aug 2024 20:03

Tgt Ion: 164 Resp: 98281
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.0
160 43.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 159.679 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138983.D

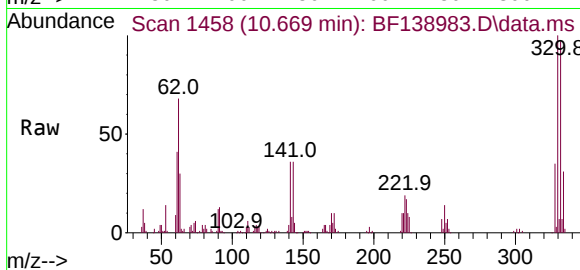
Acq: 13 Aug 2024 20:03

Instrument :

BNA_F

ClientSampleId :

PB162621TB



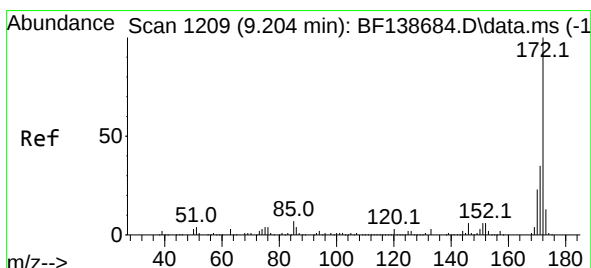
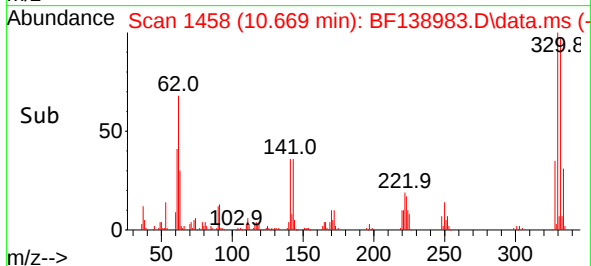
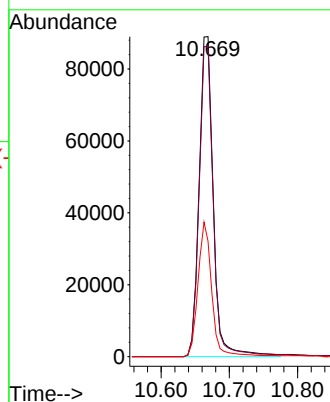
Tgt Ion:330 Resp: 128550

Ion Ratio Lower Upper

330 100

332 98.0 76.4 114.6

141 41.0 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 110.945 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138983.D

Acq: 13 Aug 2024 20:03

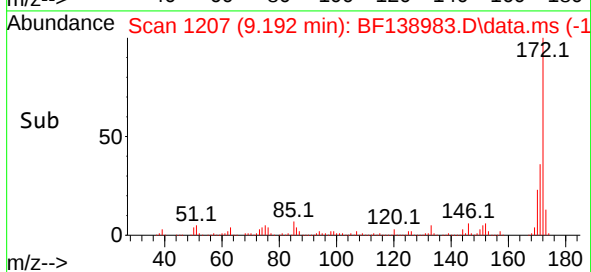
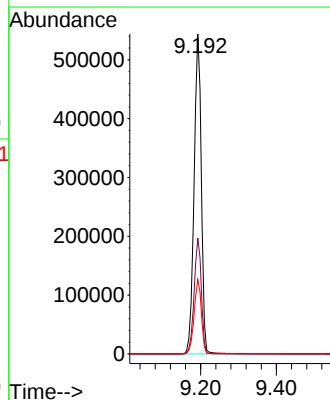
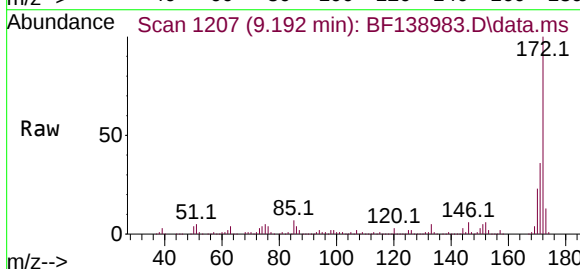
Tgt Ion:172 Resp: 725708

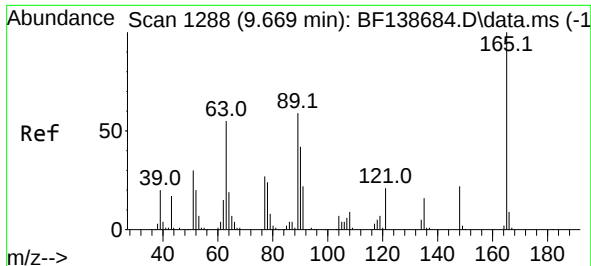
Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.2 18.8 28.2

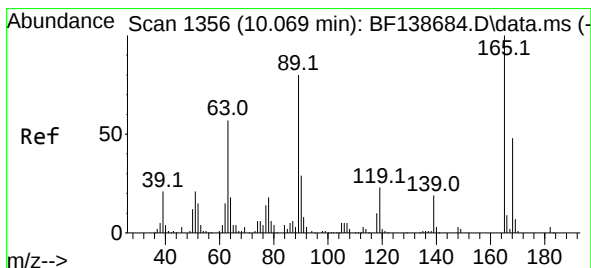
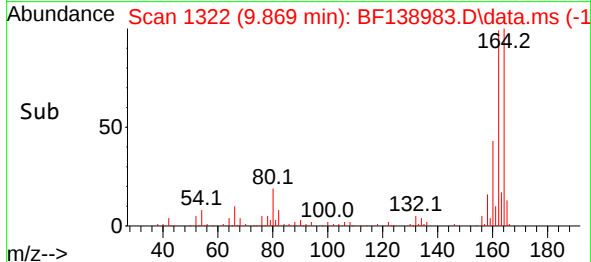
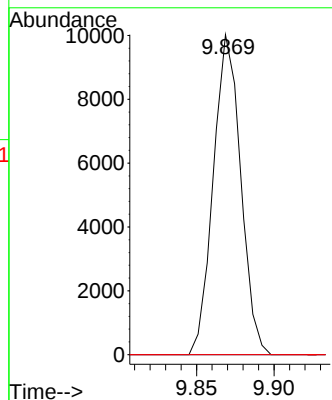
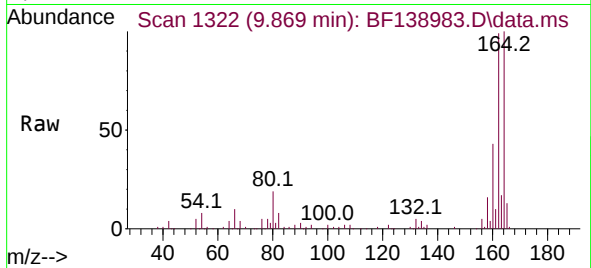




#51
2,6-Dinitrotoluene
Concen: 8.687 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138983.D
Acq: 13 Aug 2024 20:03

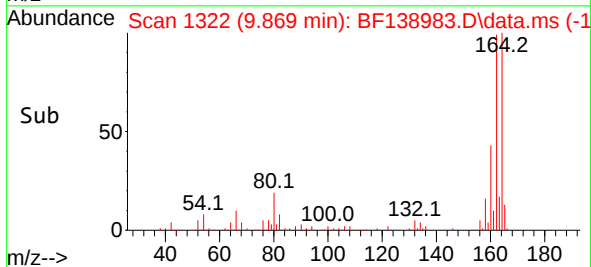
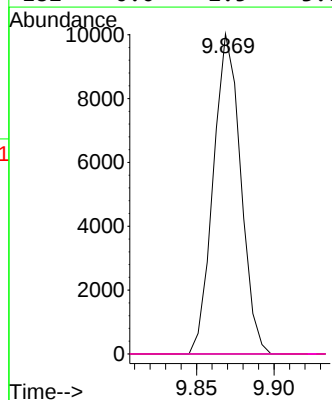
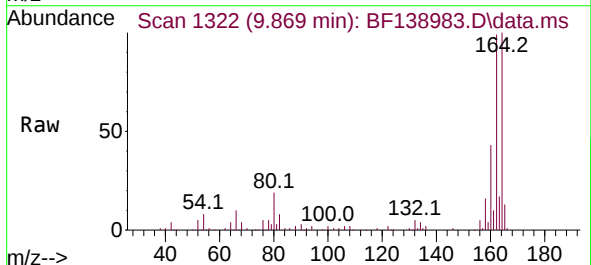
Instrument :
BNA_F
ClientSampleId :
PB162621TB

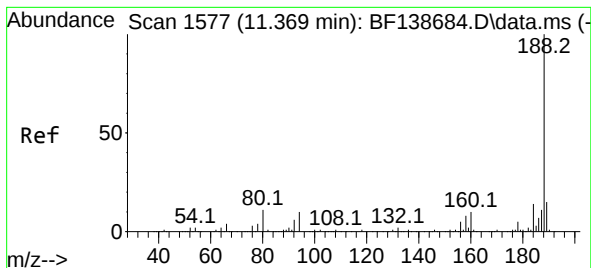
Tgt Ion:165 Resp: 12320
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.809 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138983.D
Acq: 13 Aug 2024 20:03

Tgt Ion:165 Resp: 12320
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: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138983.D

Acq: 13 Aug 2024 20:03

Instrument :

BNA_F

ClientSampleId :

PB162621TB

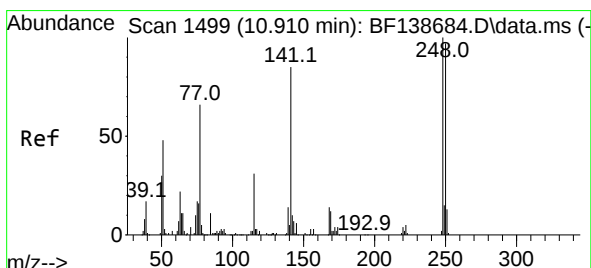
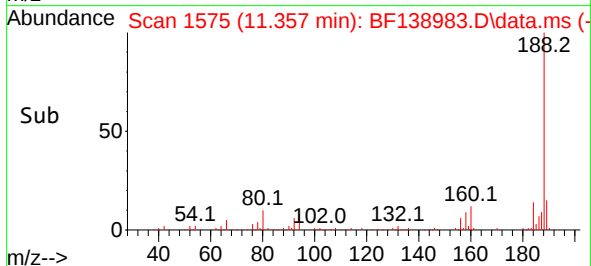
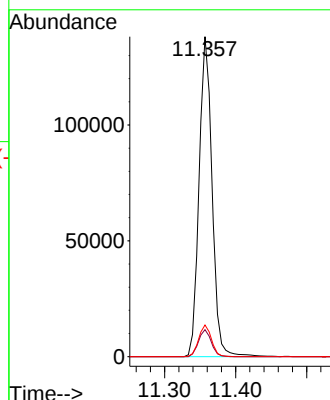
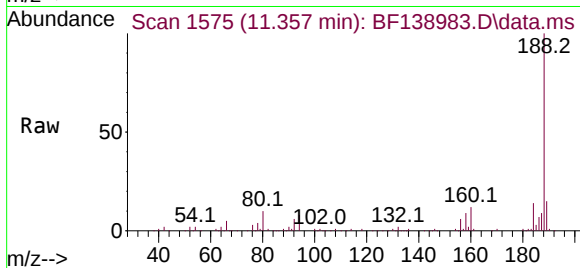
Tgt Ion:188 Resp: 176243

Ion Ratio Lower Upper

188 100

94 8.4 7.6 11.4

80 9.9 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.738 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138983.D

Acq: 13 Aug 2024 20:03

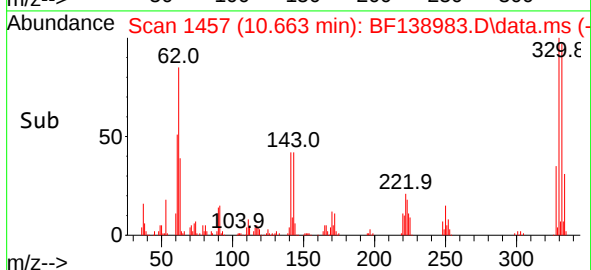
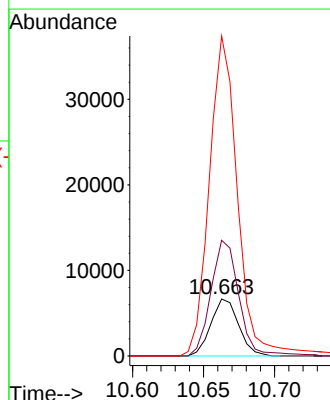
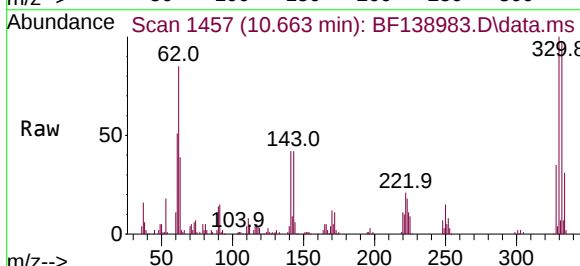
Tgt Ion:248 Resp: 9040

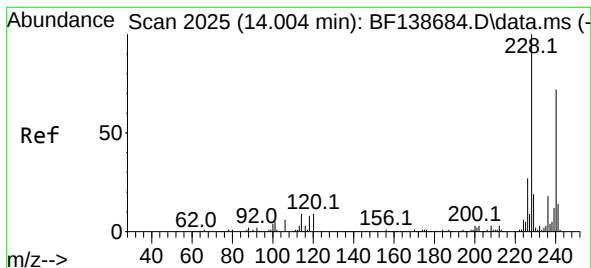
Ion Ratio Lower Upper

248 100

250 203.0 77.7 116.5#

141 561.2 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: BF138983.D

Acq: 13 Aug 2024 20:03

Instrument :

BNA_F

ClientSampleId :

PB162621TB

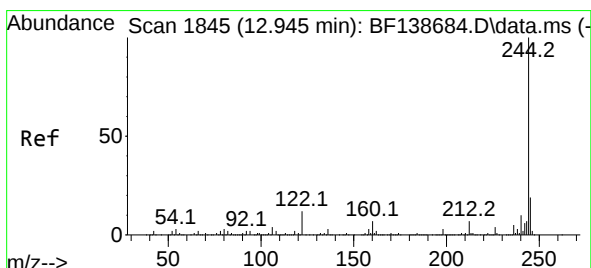
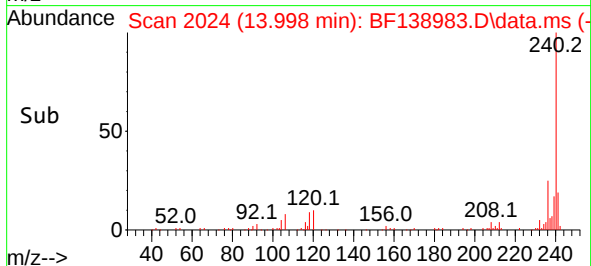
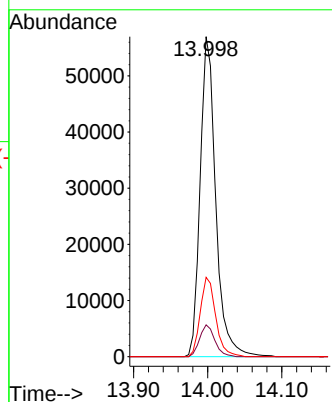
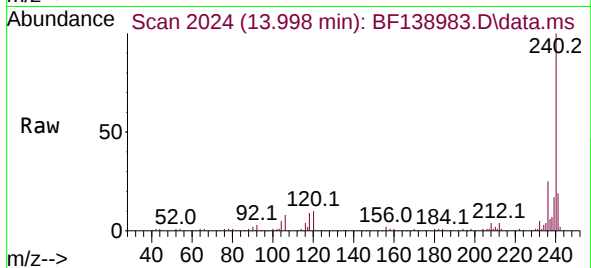
Tgt Ion:240 Resp: 83366

Ion Ratio Lower Upper

240 100

120 10.0 10.2 15.4#

236 24.8 19.8 29.8



#79

Terphenyl-d14

Concen: 146.389 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138983.D

Acq: 13 Aug 2024 20:03

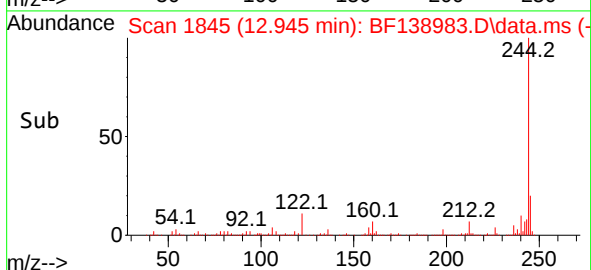
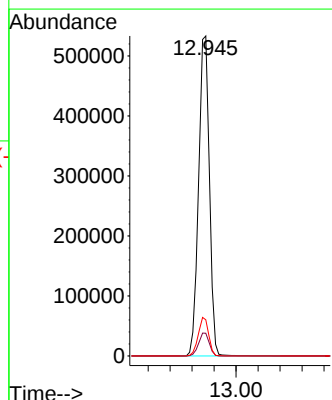
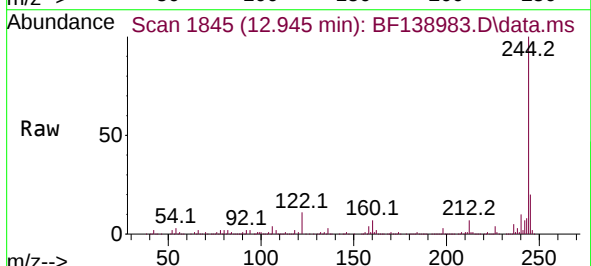
Tgt Ion:244 Resp: 728908

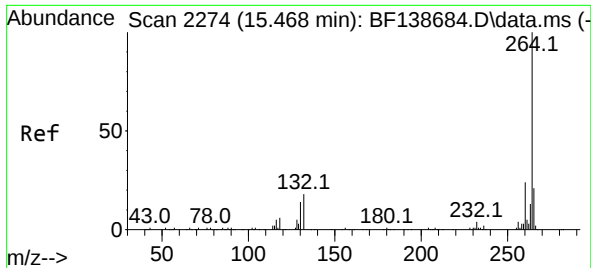
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.3 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: BF138983.D
 Acq: 13 Aug 2024 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB162621TB

Tgt Ion:264 Resp: 66788
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.0 28.6
 265 21.1 17.0 25.6

