

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
 Data File : BF138783.D
 Acq On : 05 Aug 2024 13:34
 Operator : RC/JU
 Sample : PB162384BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162384BL

Quant Time: Aug 05 14:30:33 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)

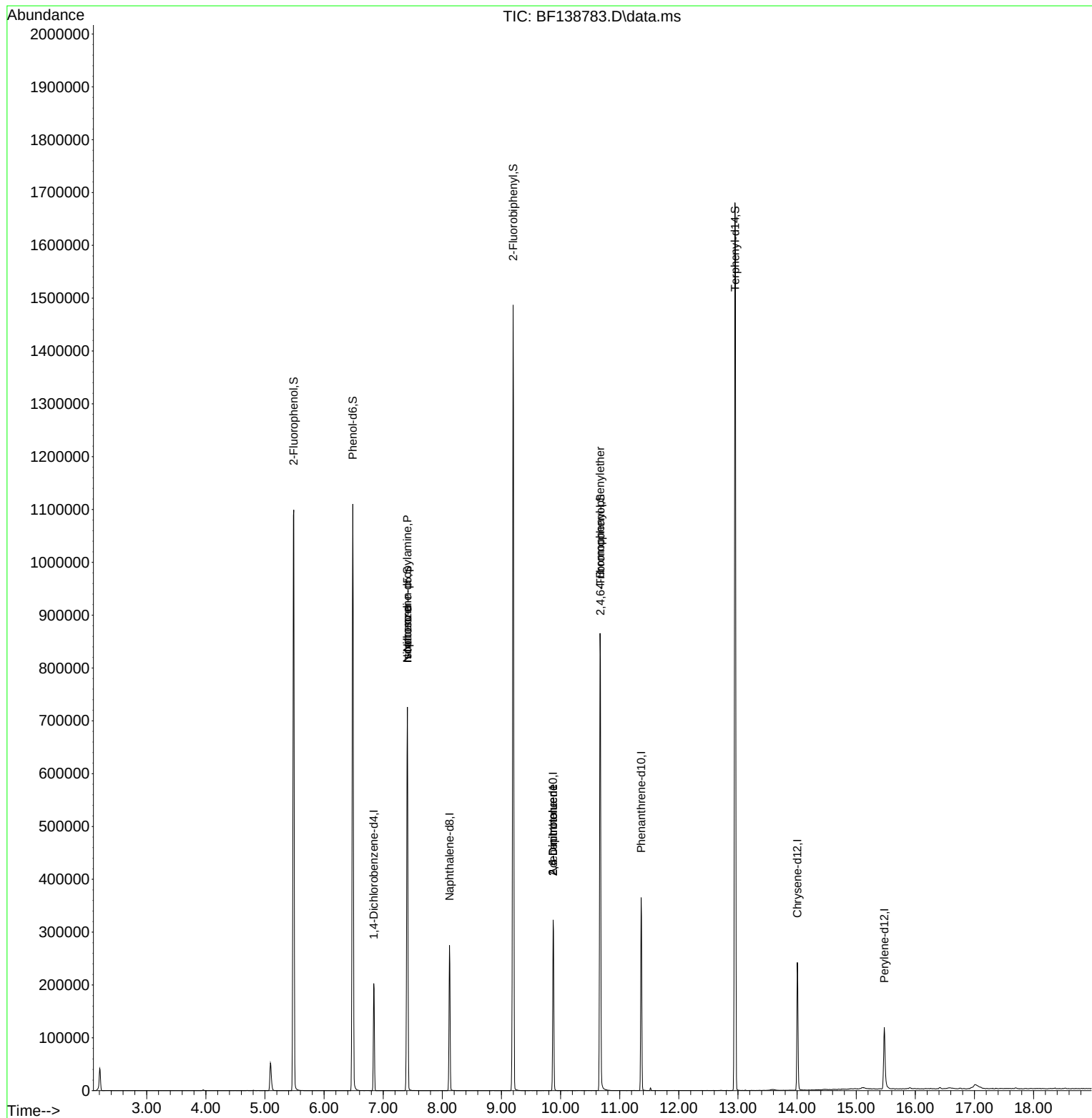
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	40537	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	170265	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	98906	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	186482	20.000	ng	0.00
76) Chrysene-d12	14.004	240	120457	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	84298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	398227	151.645	ng	0.02
7) Phenol-d6	6.486	99	535990	152.022	ng	0.00
23) Nitrobenzene-d5	7.410	82	339518	97.492	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	137173	169.313	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	665977	101.170	ng	0.00
79) Terphenyl-d14	12.951	244	842281	117.071	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	45894	21.552	ng	# 76
25) Isophorone	7.410	82	337528	56.760	ng	# 66
51) 2,6-Dinitrotoluene	9.874	165	12611	8.836	ng	# 19
57) 2,4-Dinitrotoluene	9.874	165	12611	6.926	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	9717	4.813	ng	# 1

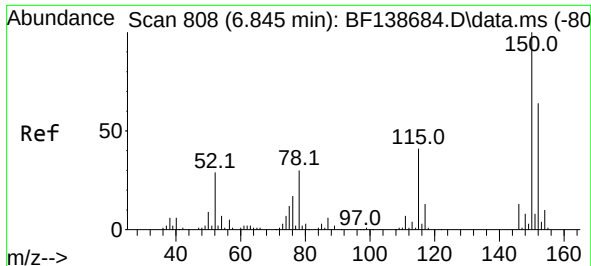
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138783.D
Acq On : 05 Aug 2024 13:34
Operator : RC/JU
Sample : PB162384BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162384BL

Quant Time: Aug 05 14:30:33 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

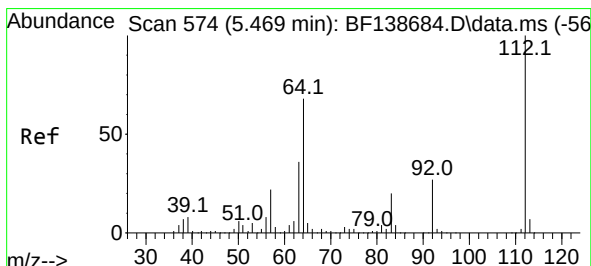
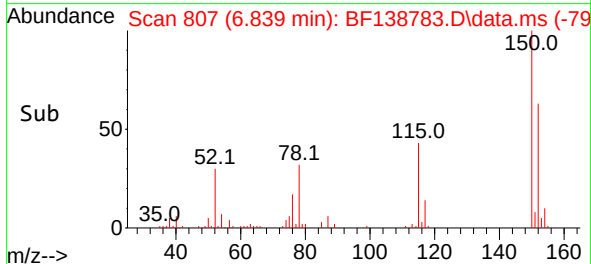
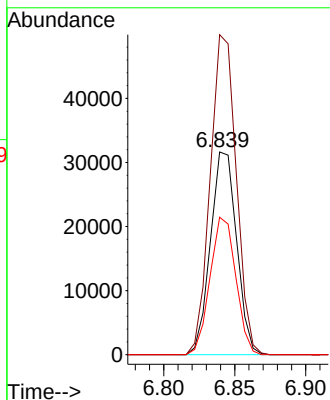
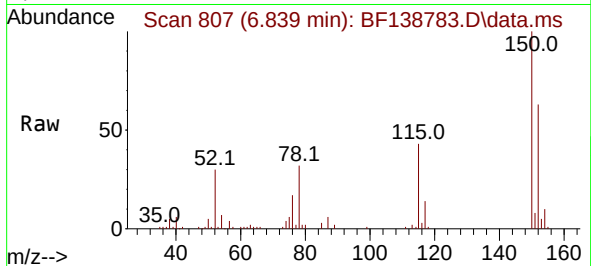




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

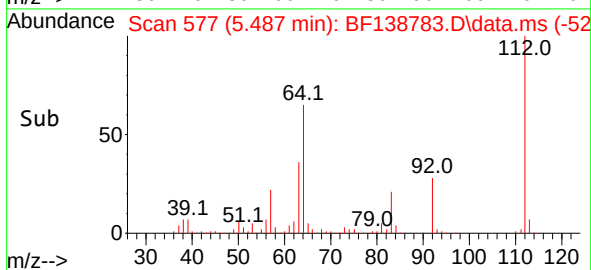
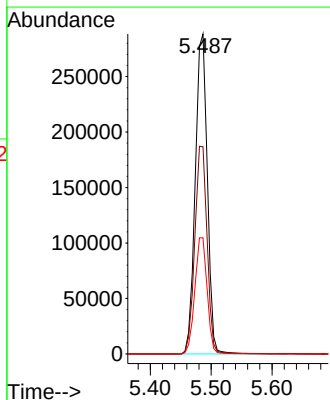
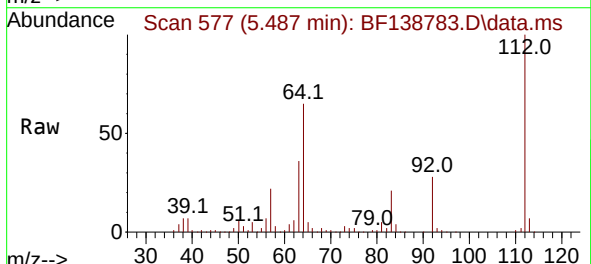
Instrument :
BNA_F
ClientSampleId :
PB162384BL

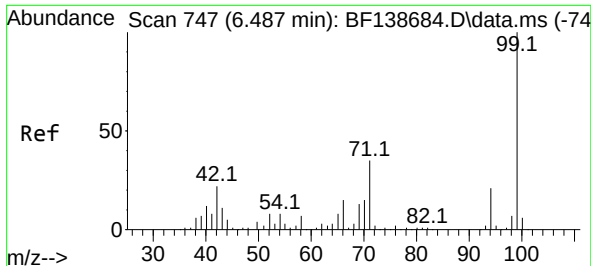
Tgt Ion:152 Resp: 40537
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 67.8 51.7 77.5



#5
2-Fluorophenol
Concen: 151.645 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

Tgt Ion:112 Resp: 398227
Ion Ratio Lower Upper
112 100
64 64.7 54.2 81.4
63 36.3 28.7 43.1

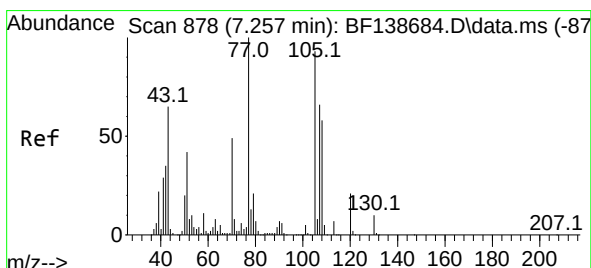
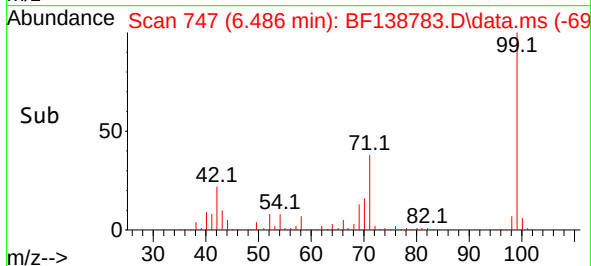
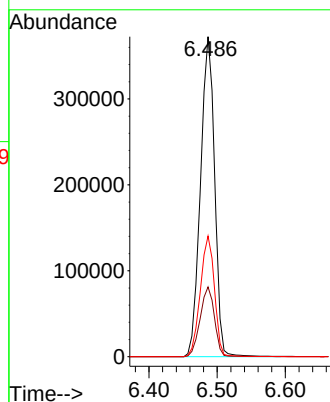
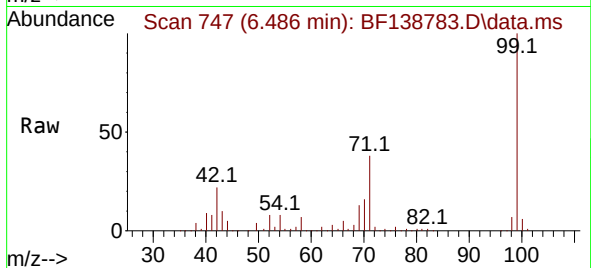




#7
Phenol-d6
Concen: 152.022 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

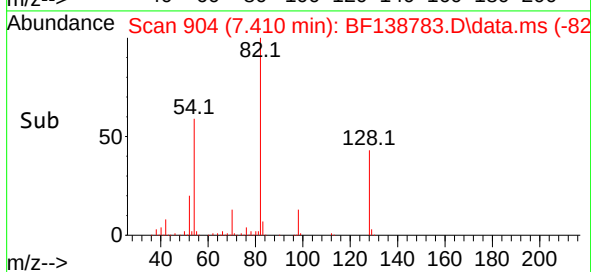
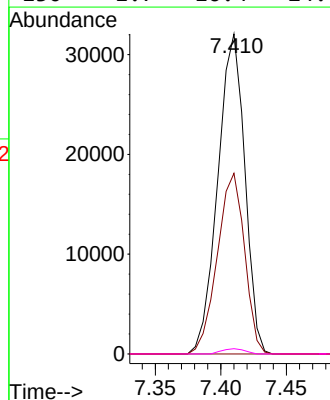
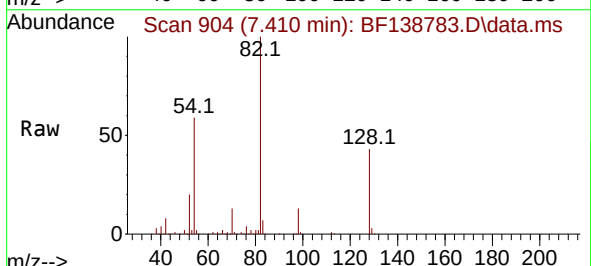
Instrument :
BNA_F
ClientSampleId :
PB162384BL

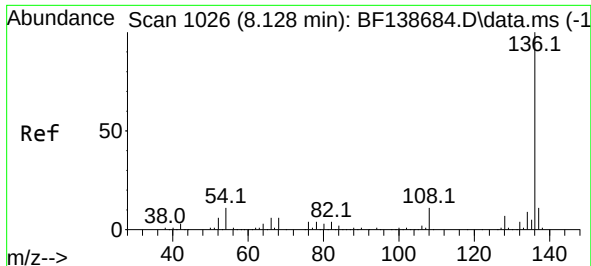
Tgt Ion: 99 Resp: 535990
Ion Ratio Lower Upper
99 100
42 21.8 17.4 26.0
71 37.7 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.552 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

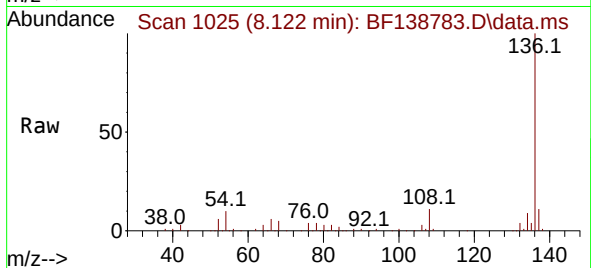
Tgt Ion: 70 Resp: 45894
Ion Ratio Lower Upper
70 100
42 56.4 57.4 86.0#
101 0.0 7.5 11.3#
130 1.7 16.4 24.6#





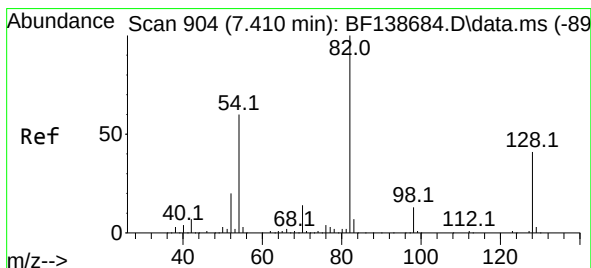
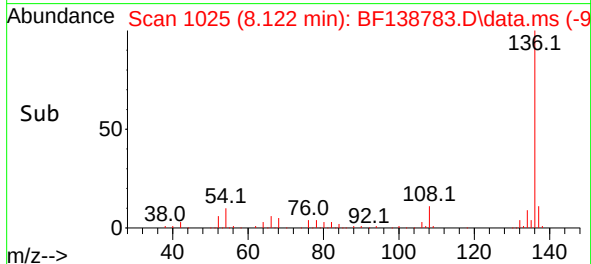
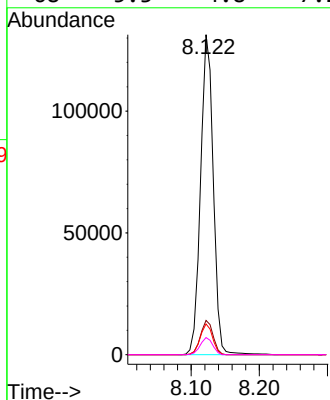
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

Instrument :
BNA_F
ClientSampleId :
PB162384BL



Tgt Ion:136 Resp: 170265

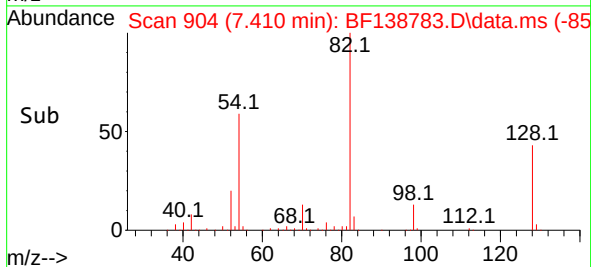
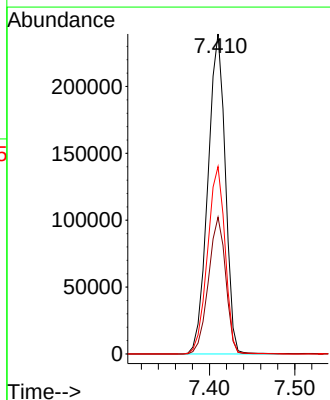
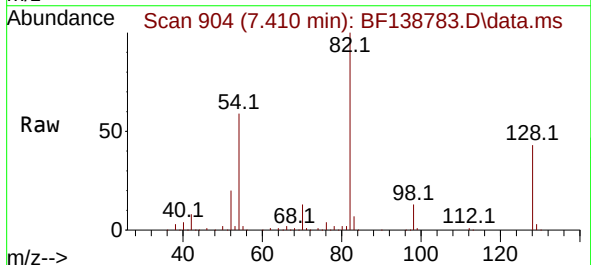
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.6	8.6	12.8
68	5.3	4.8	7.2

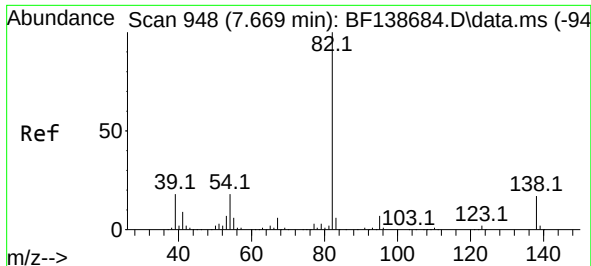


#23
Nitrobenzene-d5
Concen: 97.492 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

Tgt Ion: 82 Resp: 339518

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.8	49.2
54	58.5	48.3	72.5

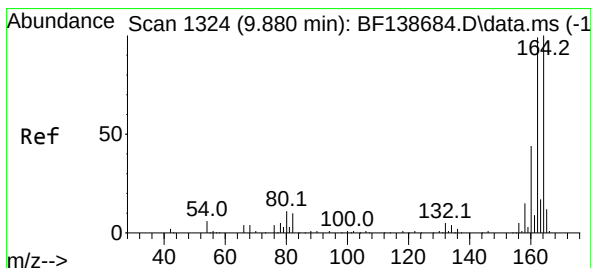
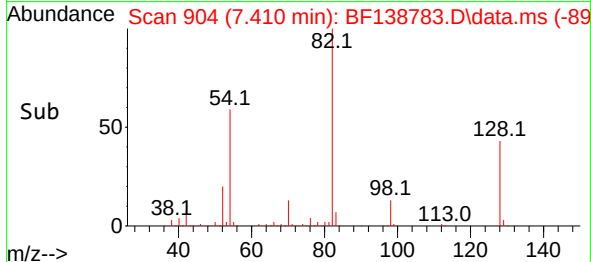
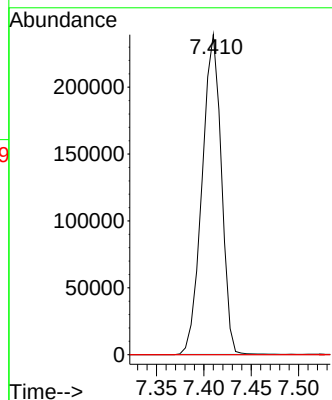
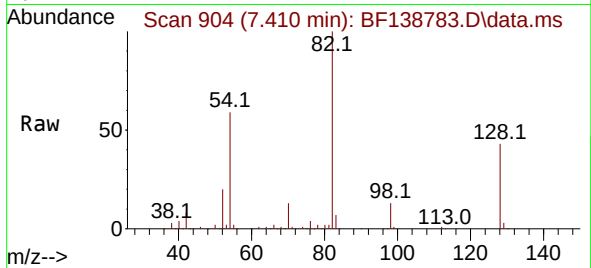




#25
Isophorone
Concen: 56.760 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

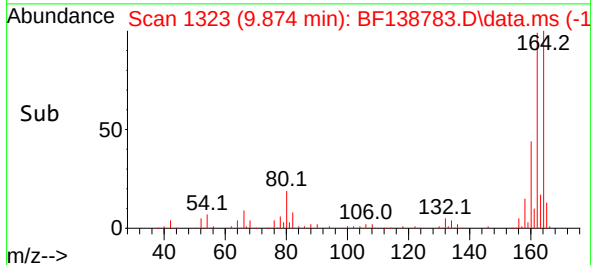
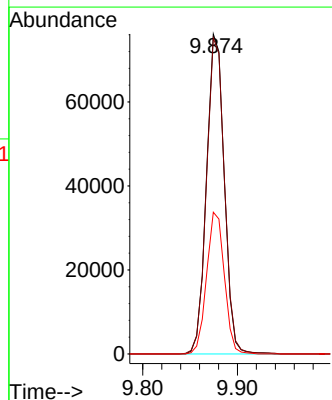
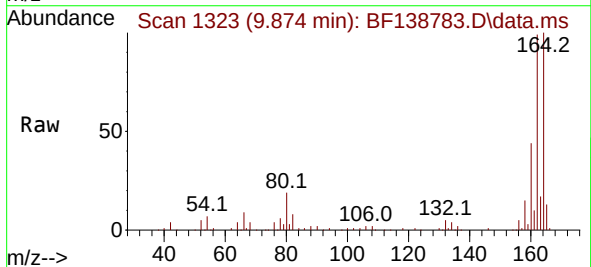
Instrument :
BNA_F
ClientSampleId :
PB162384BL

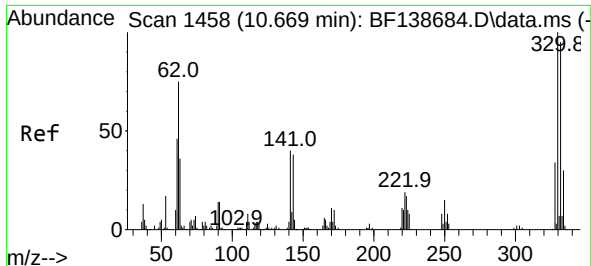
Tgt Ion: 82 Resp: 337528
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

Tgt Ion: 164 Resp: 98906
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.0
160 44.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 169.313 ng

RT: 10.674 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF138783.D

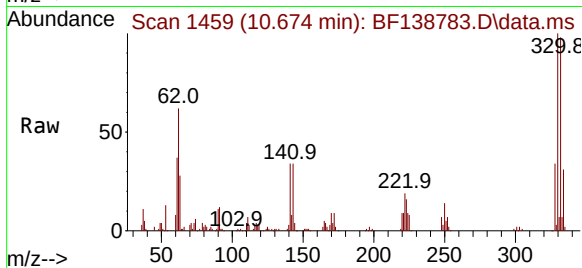
Acq: 05 Aug 2024 13:34

Instrument :

BNA_F

ClientSampleId :

PB162384BL



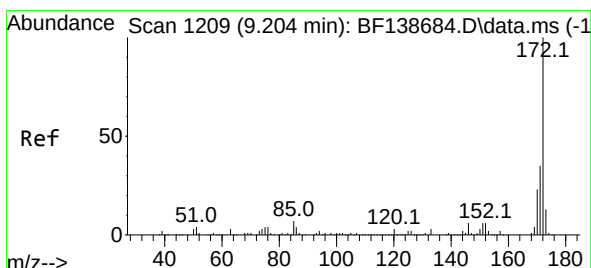
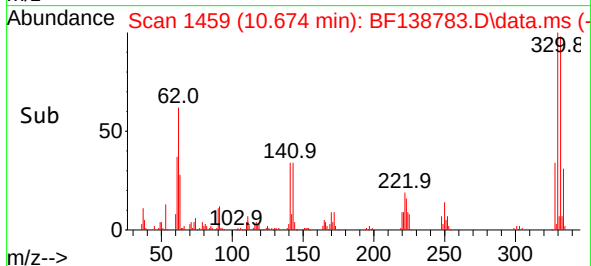
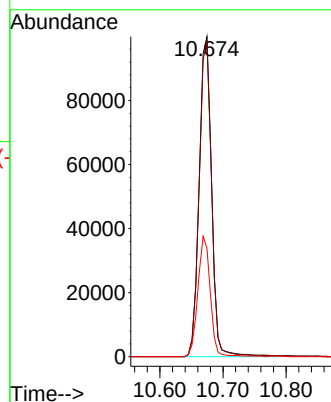
Tgt Ion:330 Resp: 137173

Ion Ratio Lower Upper

330 100

332 97.6 76.4 114.6

141 37.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 101.170 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138783.D

Acq: 05 Aug 2024 13:34

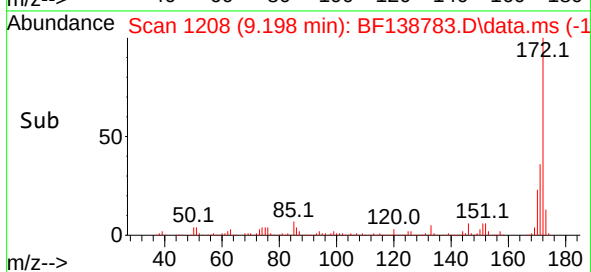
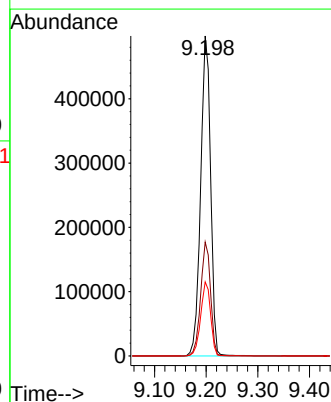
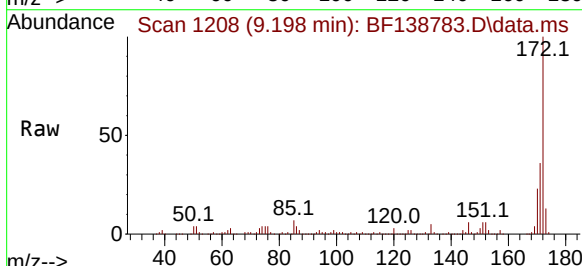
Tgt Ion:172 Resp: 665977

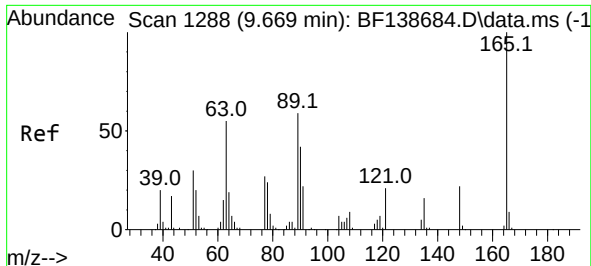
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.2 18.8 28.2

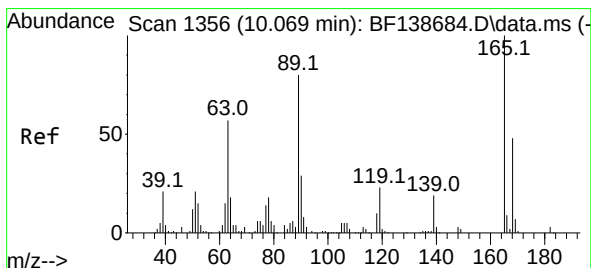
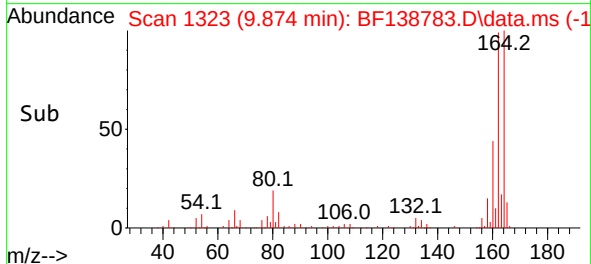
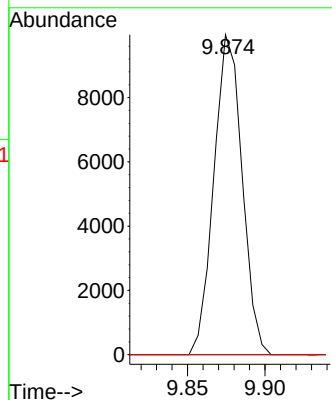
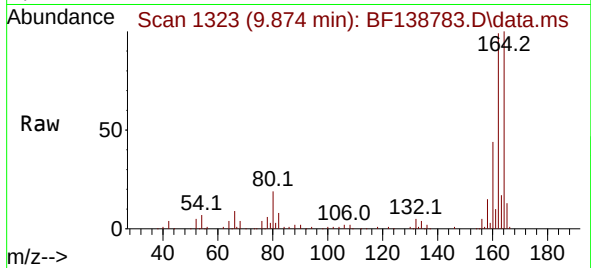




#51
2,6-Dinitrotoluene
Concen: 8.836 ng
RT: 9.874 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

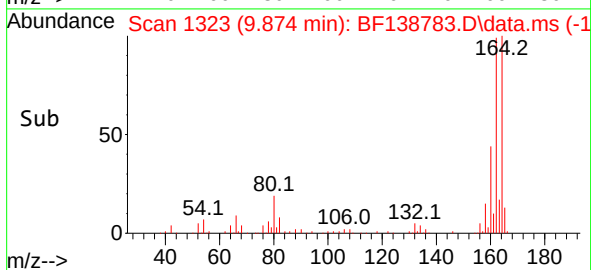
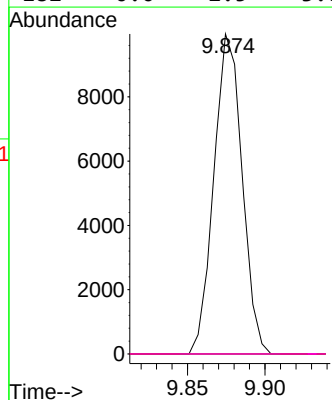
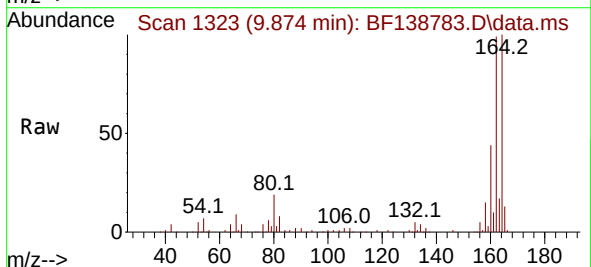
Instrument :
BNA_F
ClientSampleId :
PB162384BL

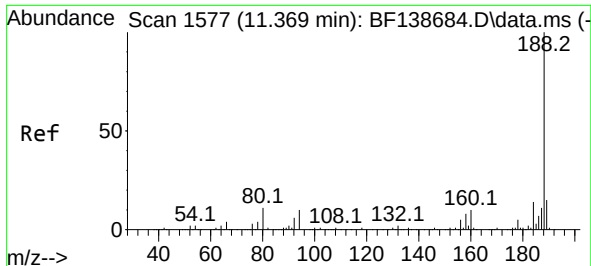
Tgt Ion:165 Resp: 12611
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.926 ng
RT: 9.874 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

Tgt Ion:165 Resp: 12611
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#

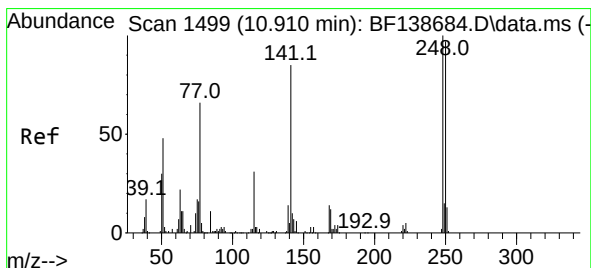
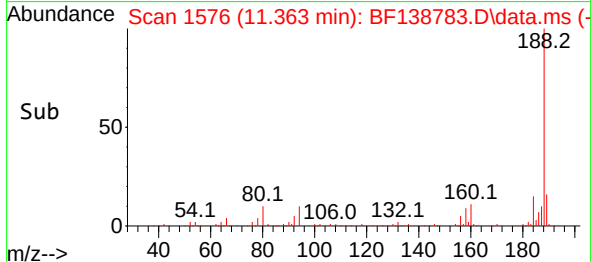
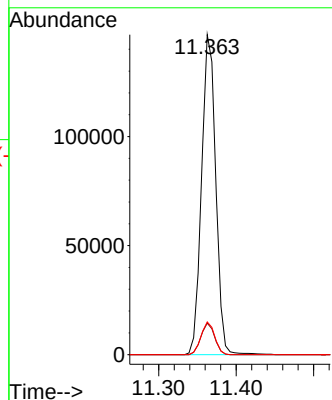
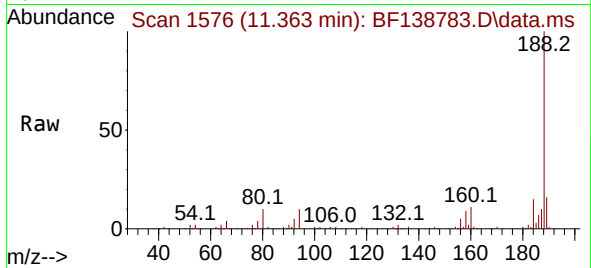




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

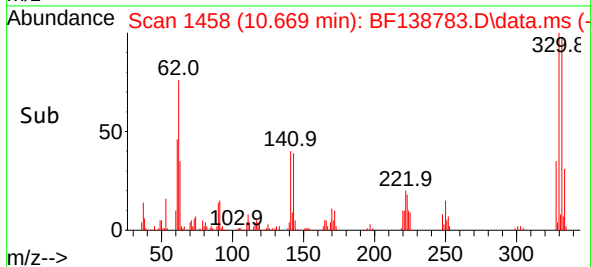
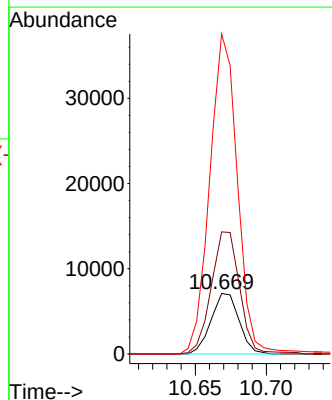
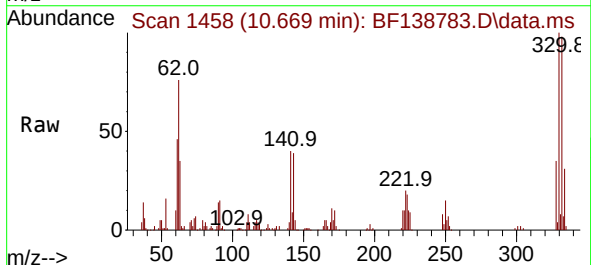
Instrument :
BNA_F
ClientSampleId :
PB162384BL

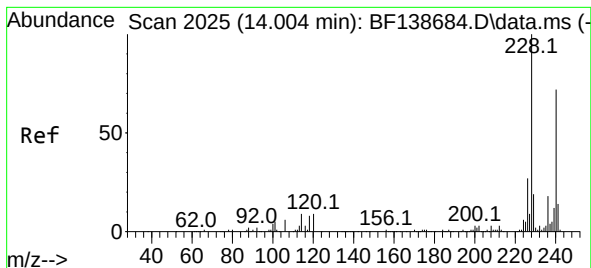
Tgt Ion:188 Resp: 186482
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 10.3 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 4.813 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

Tgt Ion:248 Resp: 9717
Ion Ratio Lower Upper
248 100
250 201.6 77.7 116.5#
141 528.5 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: BF138783.D

Acq: 05 Aug 2024 13:34

Instrument :

BNA_F

ClientSampleId :

PB162384BL

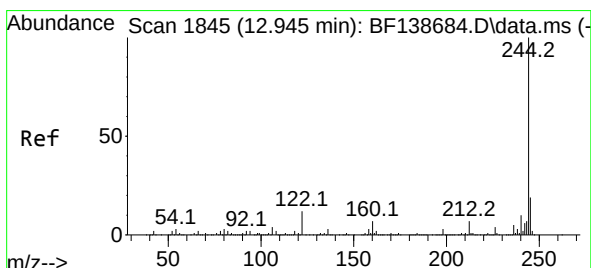
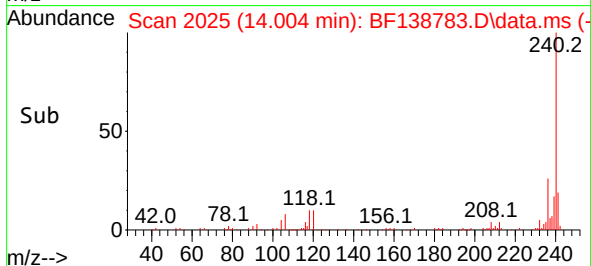
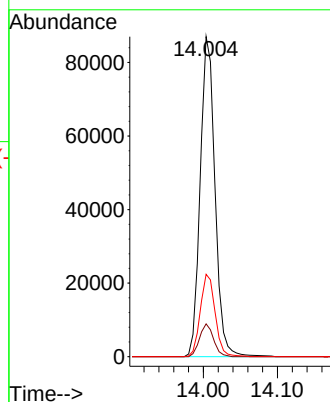
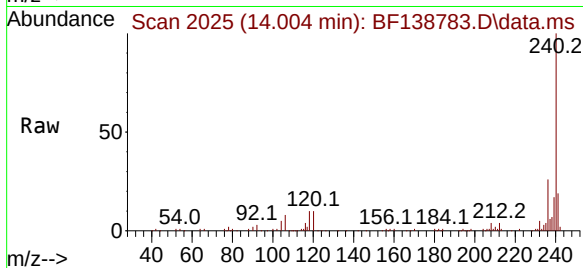
Tgt Ion:240 Resp: 120457

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

236 25.7 19.8 29.8



#79

Terphenyl-d14

Concen: 117.071 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138783.D

Acq: 05 Aug 2024 13:34

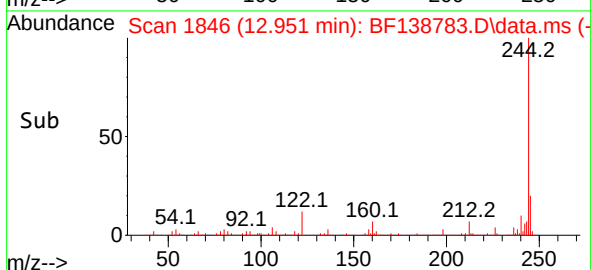
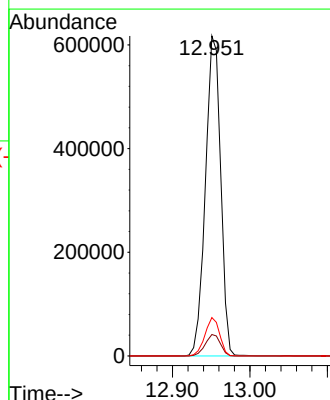
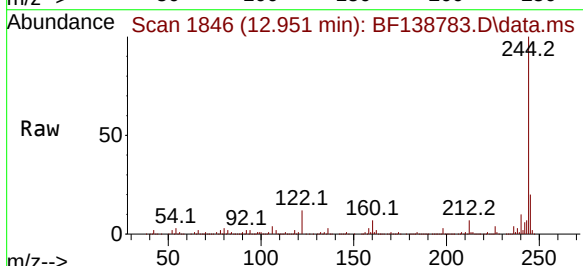
Tgt Ion:244 Resp: 842281

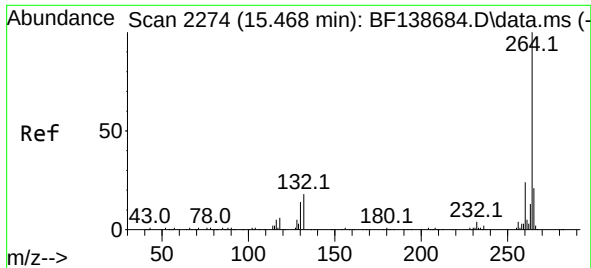
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 12.0 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

Instrument :
BNA_F
ClientSampleId :
PB162384BL

Tgt Ion:264 Resp: 84298

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.9	17.0	25.6

