

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138715.D
 Acq On : 01 Aug 2024 10:14
 Operator : RC/JU
 Sample : PB162312BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162312BL

Quant Time: Aug 01 11:00:11 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)

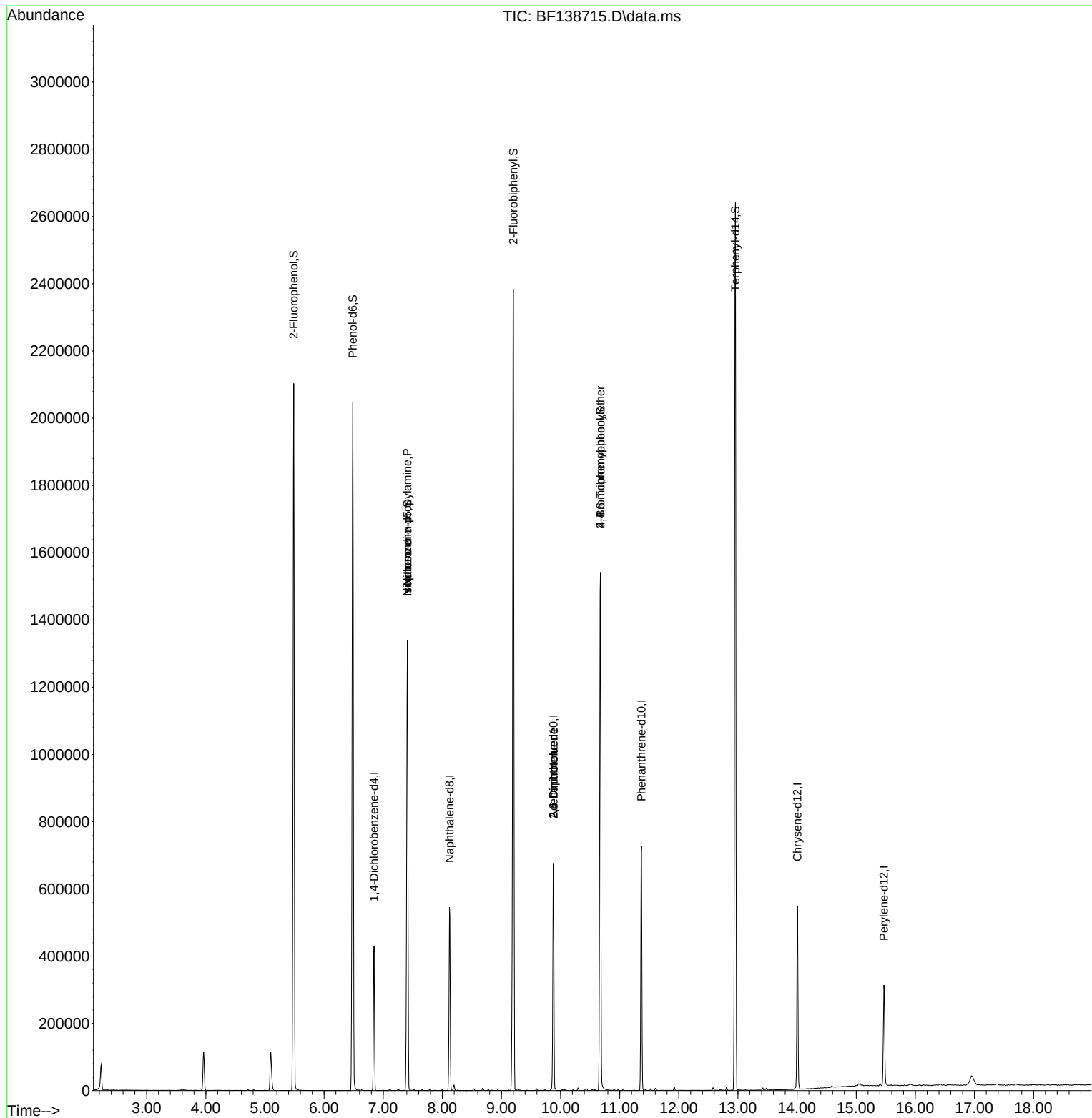
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	85885	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	354172	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	204077	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	383519	20.000	ng	0.00
76) Chrysene-d12	14.004	240	248519	20.000	ng	0.00
86) Perylene-d12	15.468	264	171941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	750475	134.886	ng	0.02
7) Phenol-d6	6.487	99	1017796	136.253	ng	0.00
23) Nitrobenzene-d5	7.410	82	659675	91.064	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	254189	152.057	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1165133	85.782	ng	0.00
79) Terphenyl-d14	12.957	244	1378409	92.863	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	90589	20.079	ng	# 76
25) Isophorone	7.410	82	656718	53.091	ng	# 66
51) 2,6-Dinitrotoluene	9.880	165	26643	9.047	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	26643	7.091	ng	# 18
67) 4-Bromophenyl-phenylether	10.674	248	18002	4.335	ng	# 1

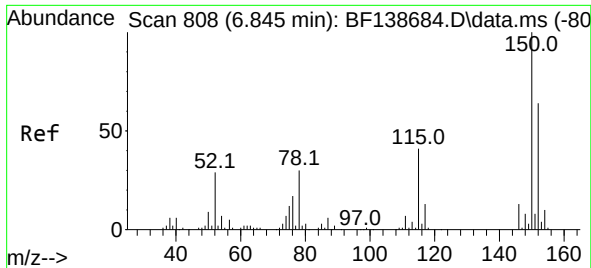
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
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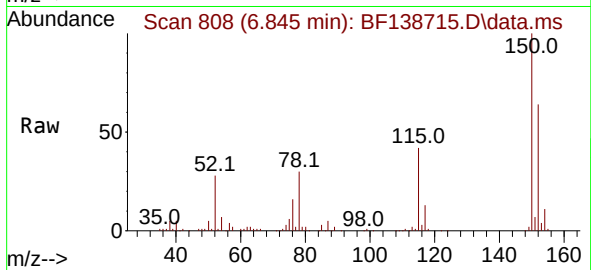
Quant Time: Aug 01 11:00:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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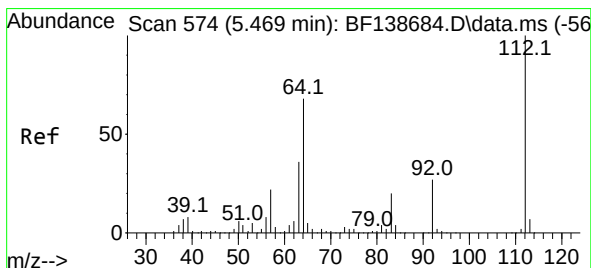
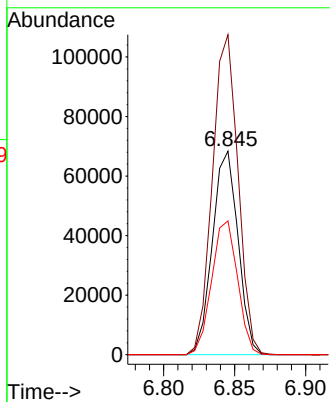
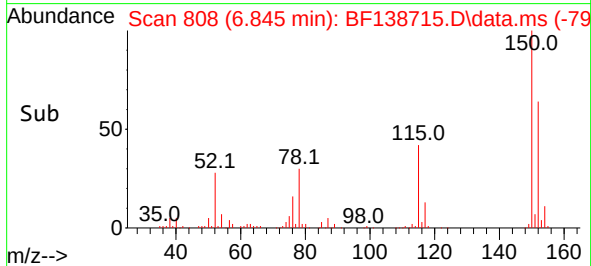


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138715.D
Acq: 01 Aug 2024 10:14

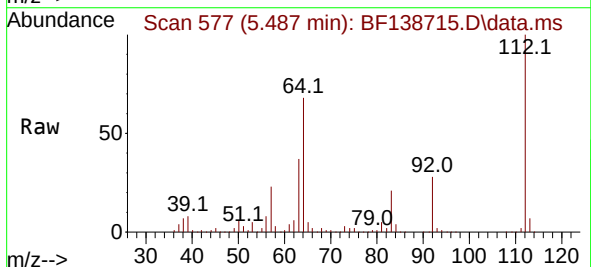
Instrument :
BNA_F
ClientSampleId :
PB162312BL



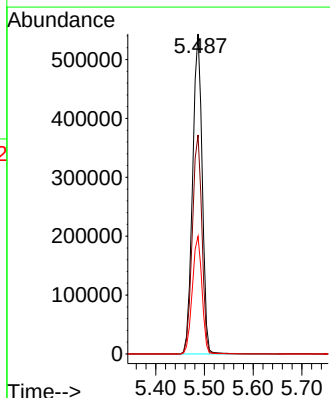
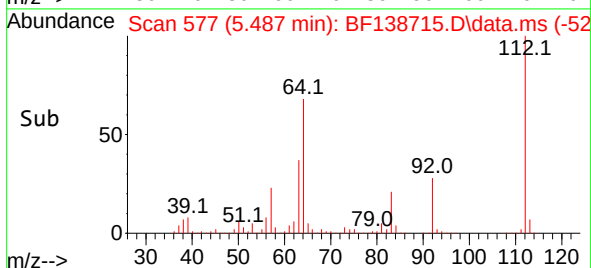
Tgt Ion:152 Resp: 85885
Ion Ratio Lower Upper
152 100
150 157.2 126.0 189.0
115 65.7 51.7 77.5

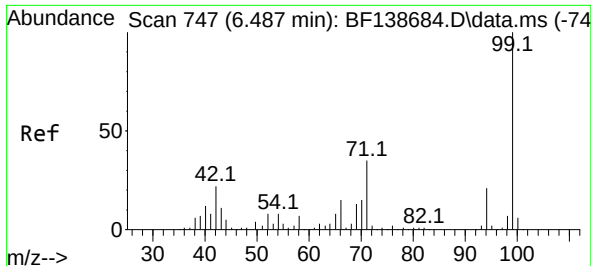


#5
2-Fluorophenol
Concen: 134.886 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138715.D
Acq: 01 Aug 2024 10:14



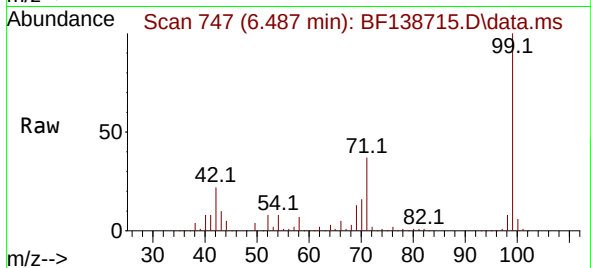
Tgt Ion:112 Resp: 750475
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 36.8 28.7 43.1



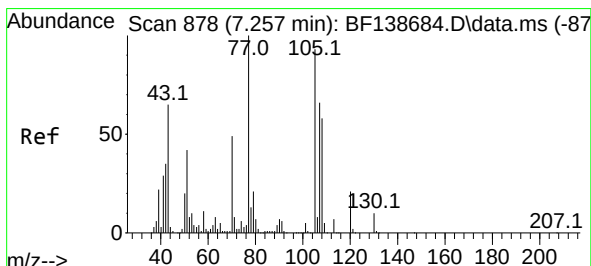
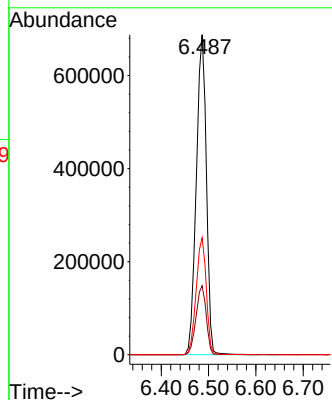
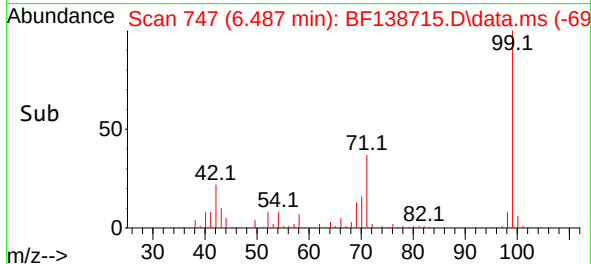


#7
Phenol-d6
Concen: 136.253 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138715.D
Acq: 01 Aug 2024 10:14

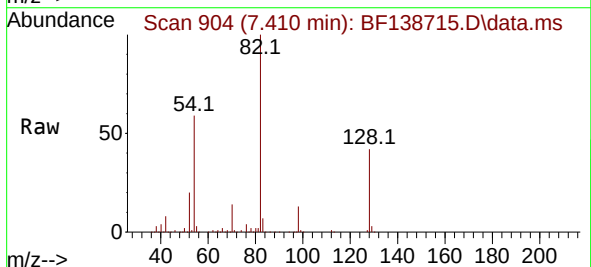
Instrument :
BNA_F
ClientSampleId :
PB162312BL



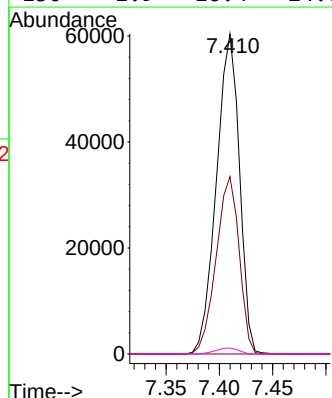
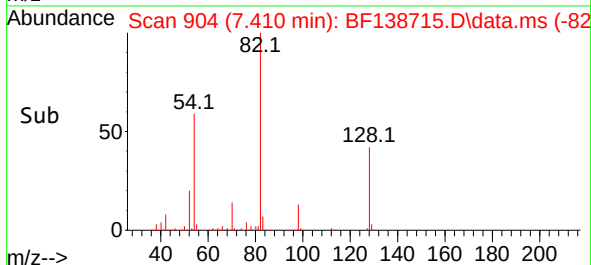
Tgt Ion: 99 Resp: 1017796
Ion Ratio Lower Upper
99 100
42 21.6 17.4 26.0
71 36.6 28.1 42.1

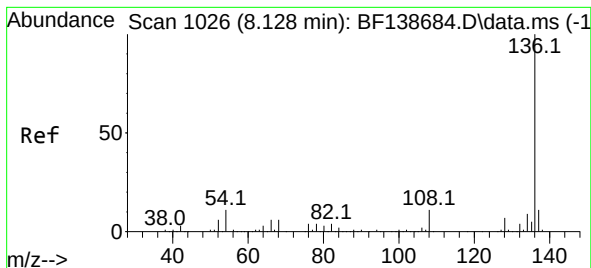


#19
n-Nitroso-di-n-propylamine
Concen: 20.079 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138715.D
Acq: 01 Aug 2024 10:14



Tgt Ion: 70 Resp: 90589
Ion Ratio Lower Upper
70 100
42 55.4 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# 1

Delta R.T. -0.006 min

Lab File: BF138715.D

Acq: 01 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

PB162312BL

Tgt Ion:136 Resp: 354172

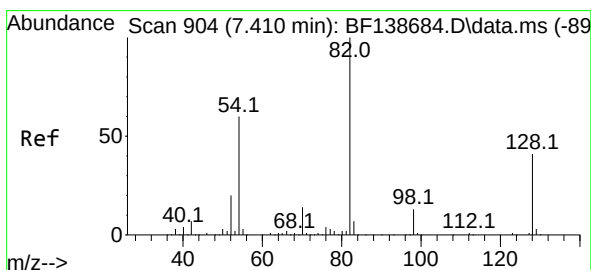
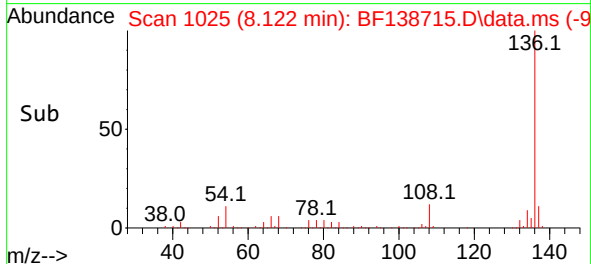
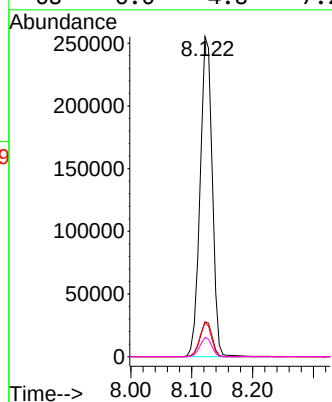
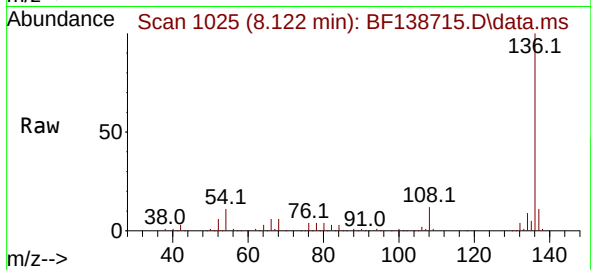
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.7 8.6 12.8

68 6.0 4.8 7.2



#23

Nitrobenzene-d5

Concen: 91.064 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138715.D

Acq: 01 Aug 2024 10:14

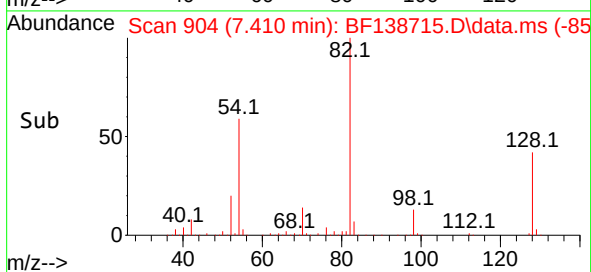
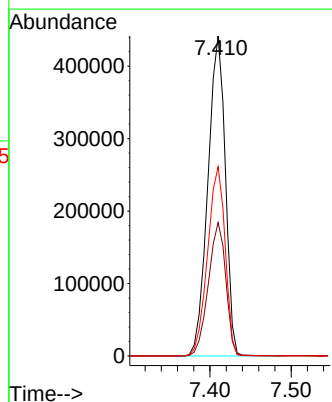
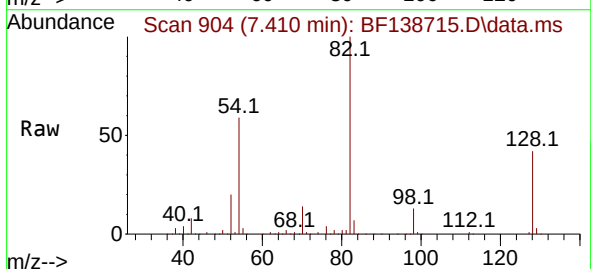
Tgt Ion: 82 Resp: 659675

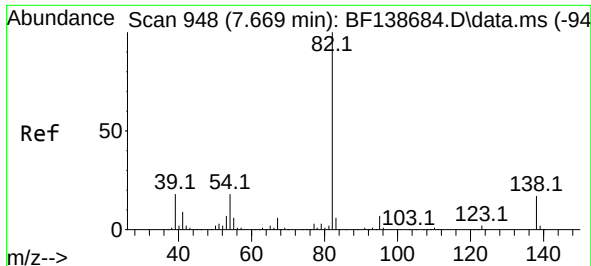
Ion Ratio Lower Upper

82 100

128 41.7 32.8 49.2

54 59.1 48.3 72.5

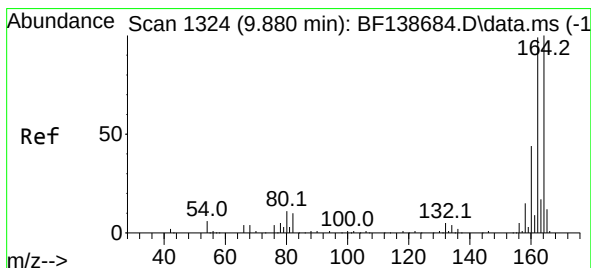
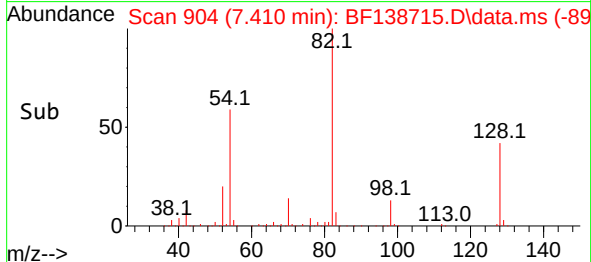
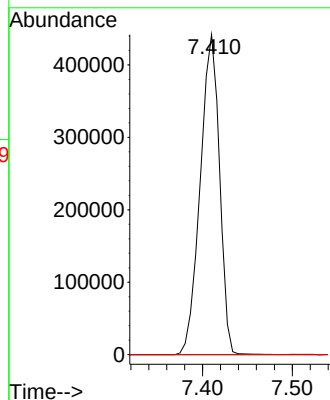
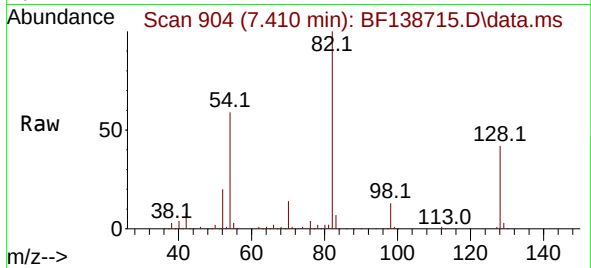




#25
Isophorone
Concen: 53.091 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138715.D
Acq: 01 Aug 2024 10:14

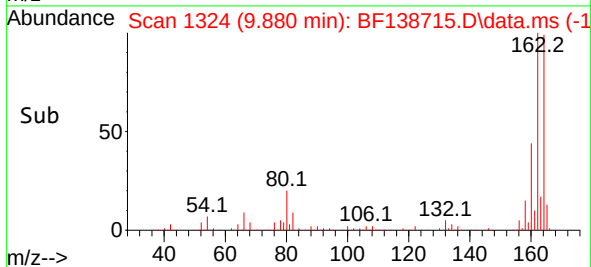
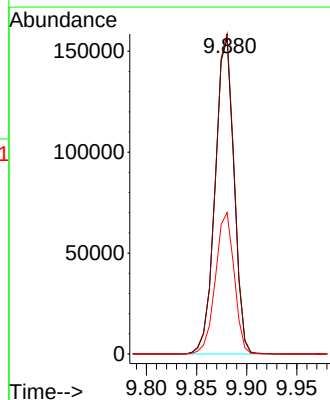
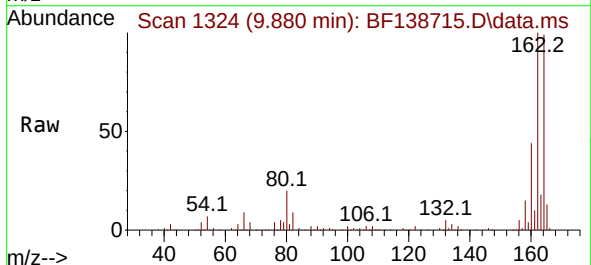
Instrument :
BNA_F
ClientSampleId :
PB162312BL

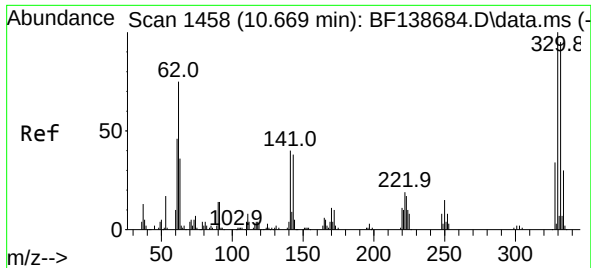
Tgt Ion: 82 Resp: 656718
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138715.D
Acq: 01 Aug 2024 10:14

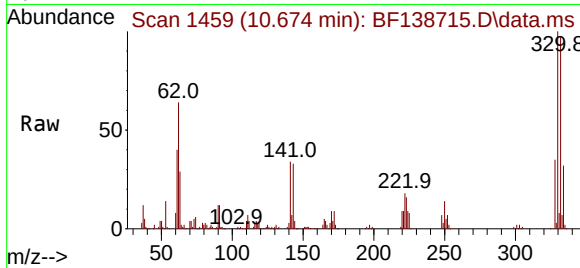
Tgt Ion:164 Resp: 204077
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.0
160 44.8 35.1 52.7



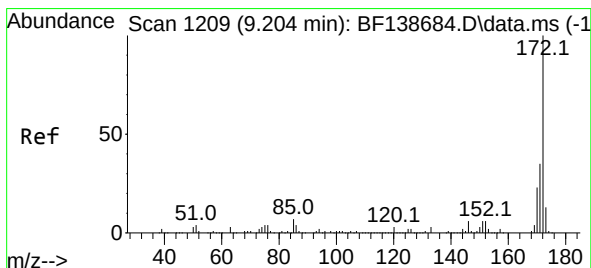
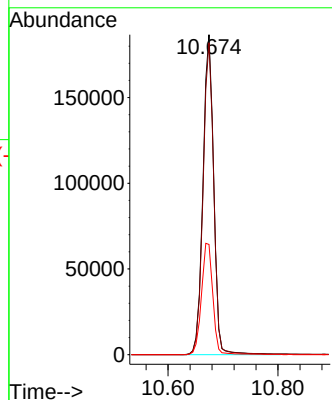
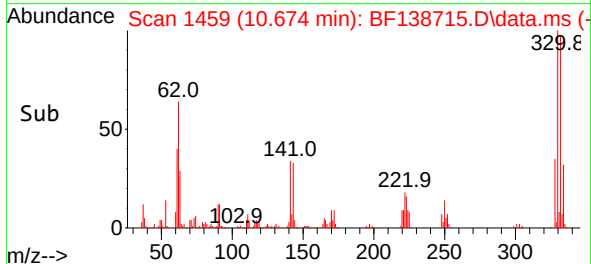


#42
2,4,6-Tribromophenol
Concen: 152.057 ng
RT: 10.674 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF138715.D
Acq: 01 Aug 2024 10:14

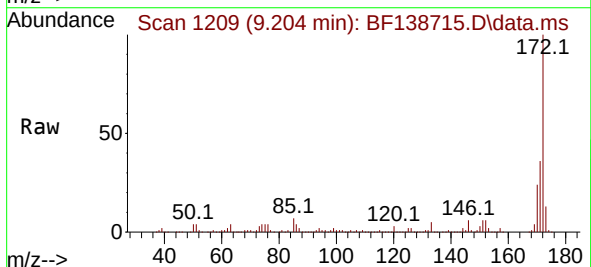
Instrument :
BNA_F
ClientSampleId :
PB162312BL



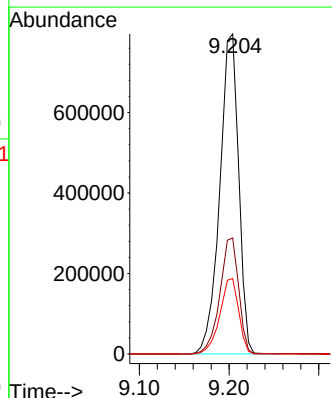
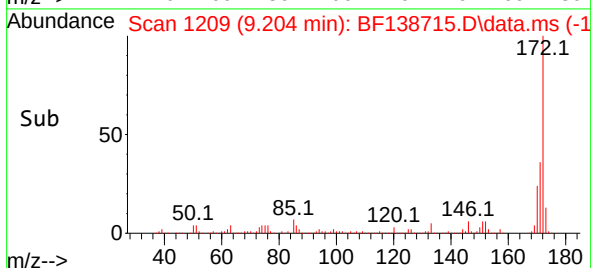
Tgt Ion:330 Resp: 254189
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 36.9 31.1 46.7

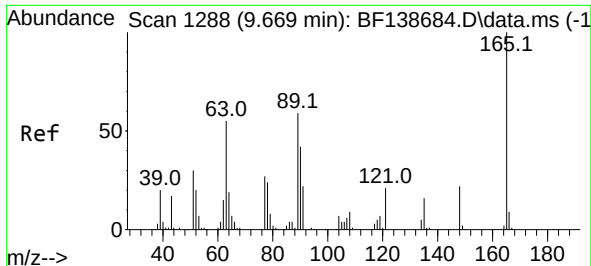


#45
2-Fluorobiphenyl
Concen: 85.782 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF138715.D
Acq: 01 Aug 2024 10:14



Tgt Ion:172 Resp: 1165133
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.5 18.8 28.2

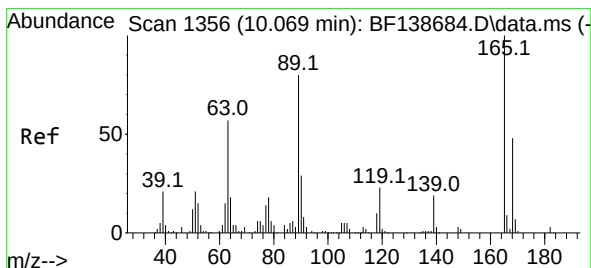
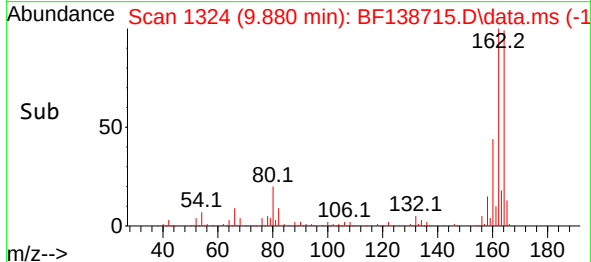
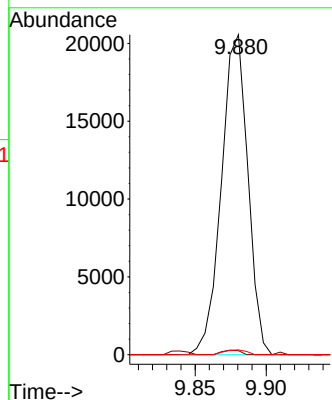
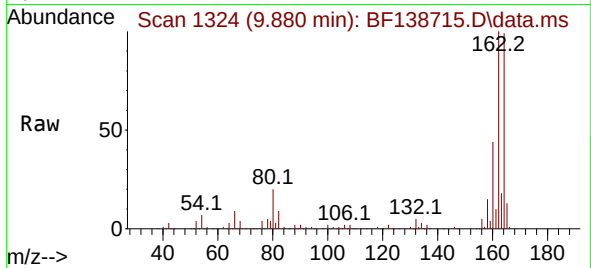




#51
2,6-Dinitrotoluene
Concen: 9.047 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138715.D
Acq: 01 Aug 2024 10:14

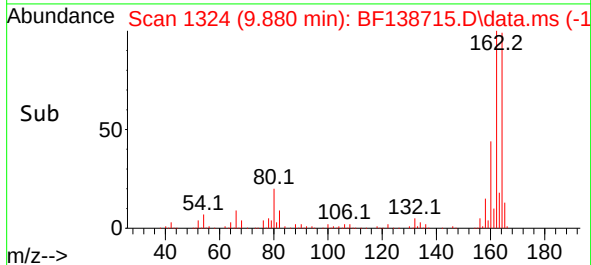
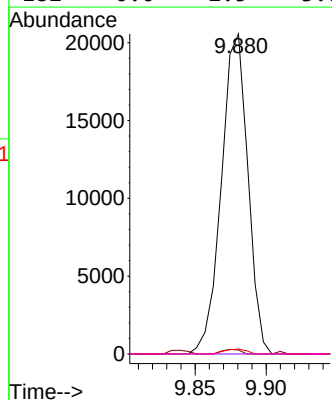
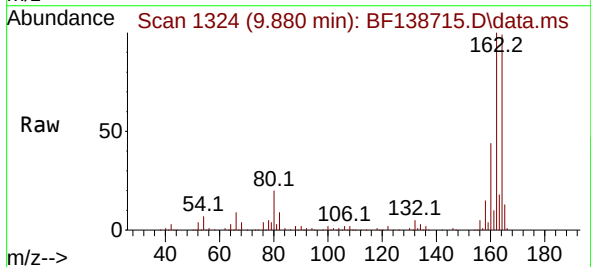
Instrument :
BNA_F
ClientSampleId :
PB162312BL

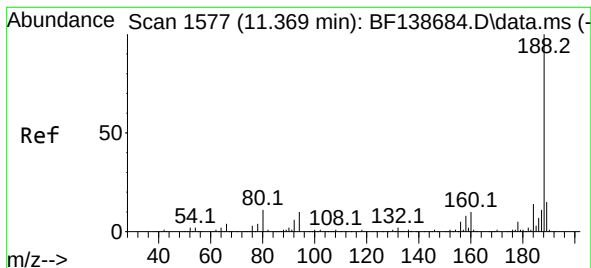
Tgt Ion:165 Resp: 26643
Ion Ratio Lower Upper
165 100
63 1.2 52.0 78.0#
89 1.5 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.091 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF138715.D
Acq: 01 Aug 2024 10:14

Tgt Ion:165 Resp: 26643
Ion Ratio Lower Upper
165 100
63 1.2 46.3 69.5#
89 1.5 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138715.D

Acq: 01 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

PB162312BL

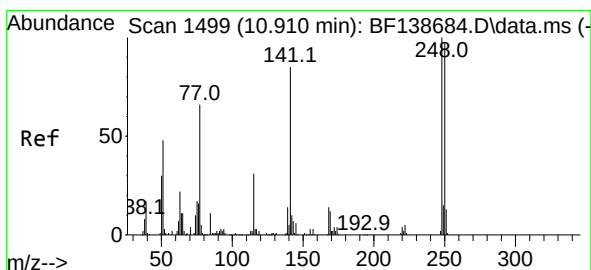
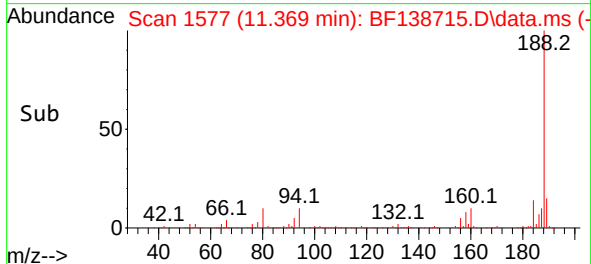
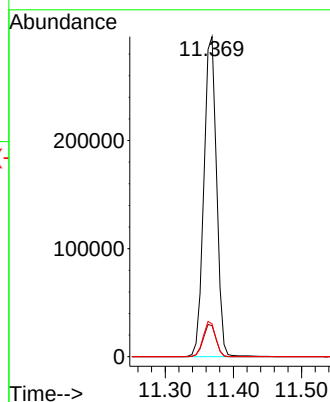
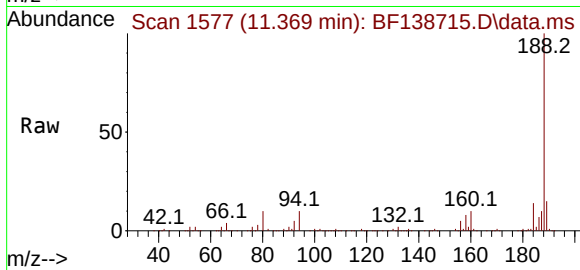
Tgt Ion:188 Resp: 383519

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.3 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.335 ng

RT: 10.674 min Scan# 1459

Delta R.T. -0.235 min

Lab File: BF138715.D

Acq: 01 Aug 2024 10:14

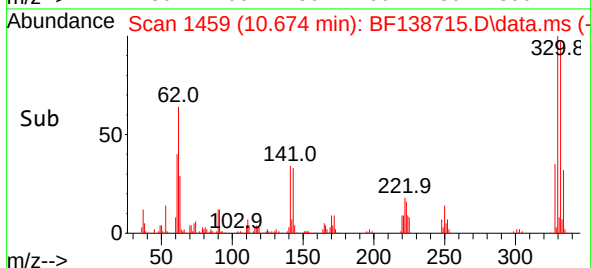
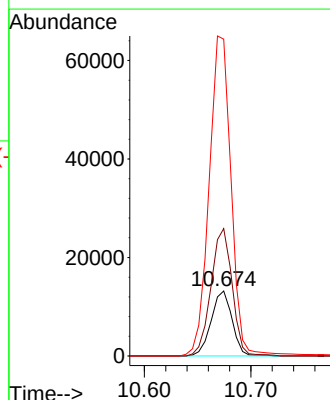
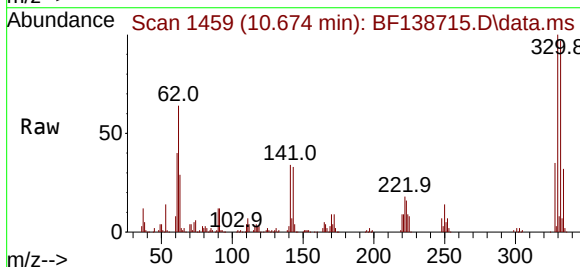
Tgt Ion:248 Resp: 18002

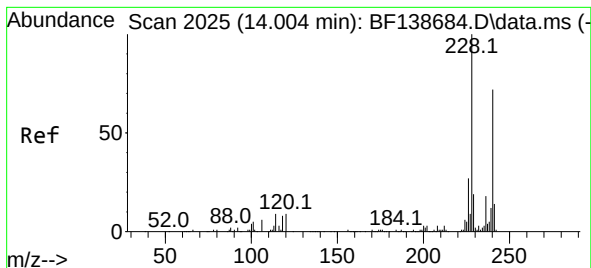
Ion Ratio Lower Upper

248 100

250 196.1 77.7 116.5#

141 487.6 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: BF138715.D

Acq: 01 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

PB162312BL

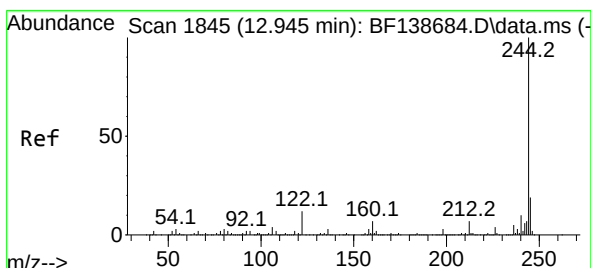
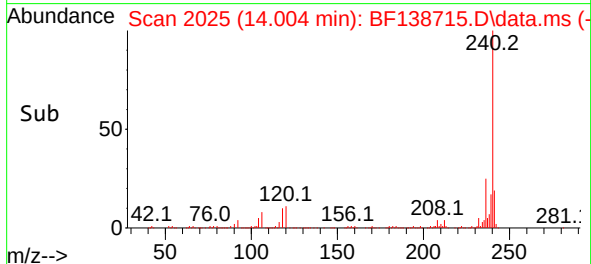
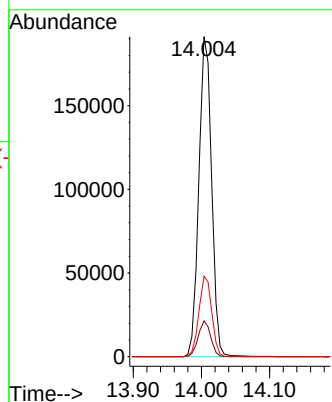
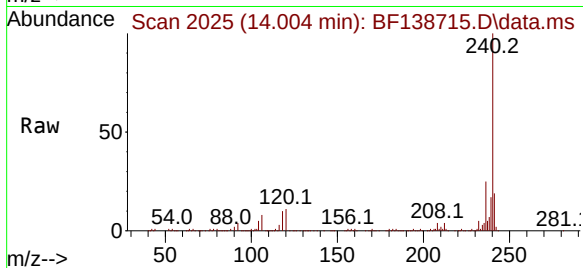
Tgt Ion:240 Resp: 248519

Ion Ratio Lower Upper

240 100

120 11.2 10.2 15.4

236 25.1 19.8 29.8



#79

Terphenyl-d14

Concen: 92.863 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.012 min

Lab File: BF138715.D

Acq: 01 Aug 2024 10:14

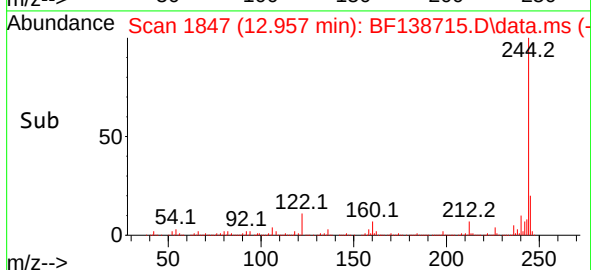
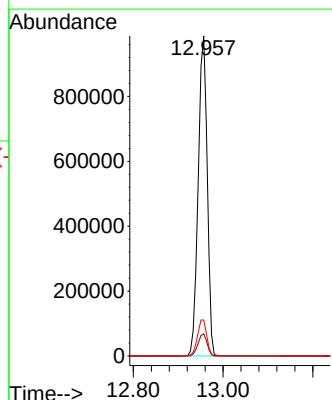
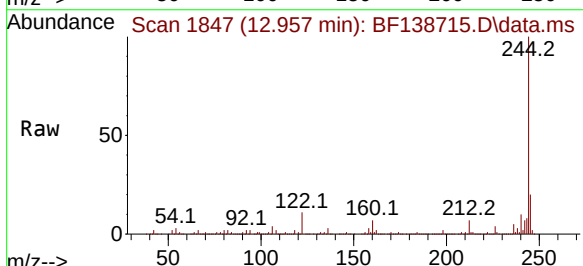
Tgt Ion:244 Resp: 1378409

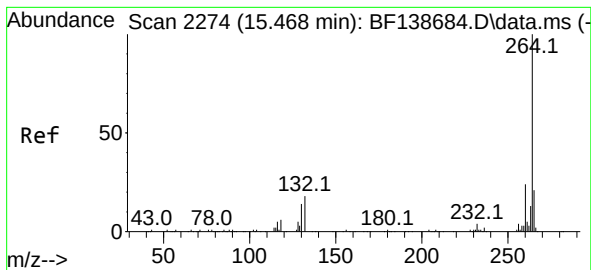
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.2 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: BF138715.D

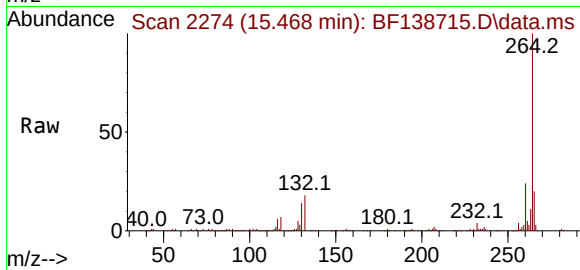
Acq: 01 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

PB162312BL



Tgt Ion:264 Resp: 171941

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 20.3 17.0 25.6

