

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138880.D
 Acq On : 09 Aug 2024 10:19
 Operator : RC/JU
 Sample : PB162421BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162421BL

Quant Time: Aug 09 10:53:17 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)

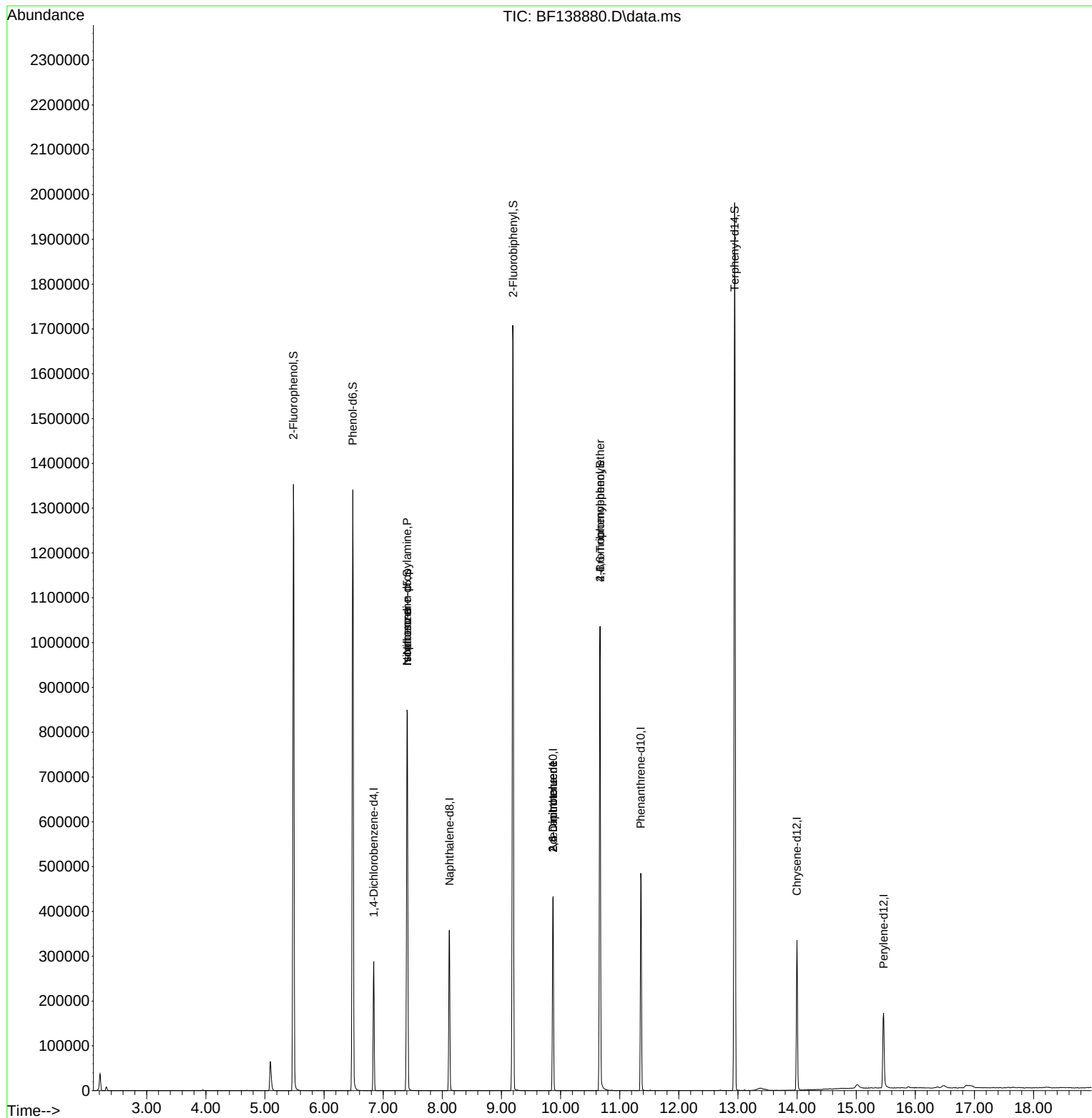
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	53191	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	228290	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	132774	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	250338	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	153257	20.000	ng	0.00
86) Perylene-d12	15.462	264	107984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	462810	134.312	ng	0.01
7) Phenol-d6	6.486	99	619741	133.960	ng	0.00
23) Nitrobenzene-d5	7.404	82	405924	86.934	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	159332	146.499	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	776180	87.834	ng	0.00
79) Terphenyl-d14	12.945	244	968492	105.804	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	55525	19.871	ng	# 79
25) Isophorone	7.404	82	402988	50.543	ng	# 66
51) 2,6-Dinitrotoluene	9.874	165	16162	8.435	ng	# 21
57) 2,4-Dinitrotoluene	9.874	165	16162	6.612	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	11312	4.174	ng	# 1

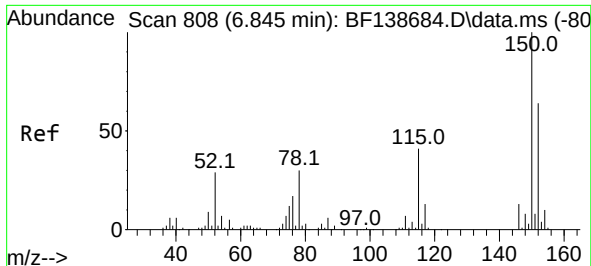
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
Data File : BF138880.D
Acq On : 09 Aug 2024 10:19
Operator : RC/JU
Sample : PB162421BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162421BL

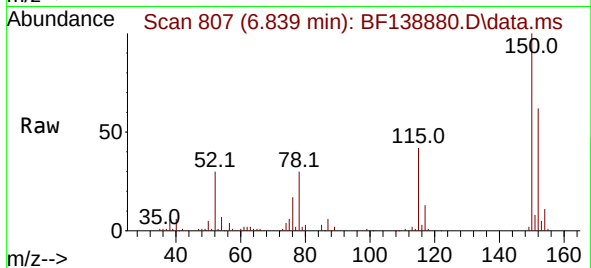
Quant Time: Aug 09 10:53:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



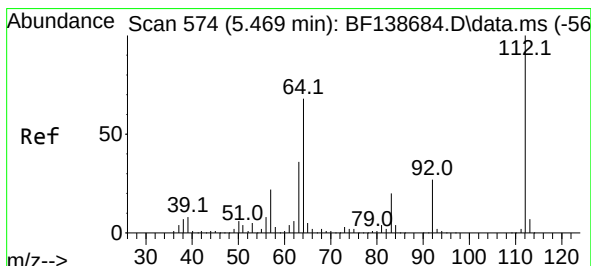
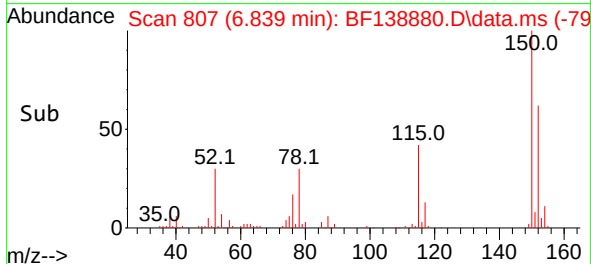
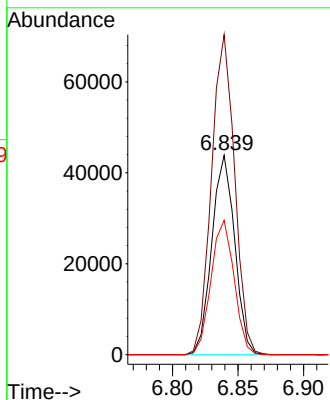


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

Instrument :
BNA_F
ClientSampleId :
PB162421BL

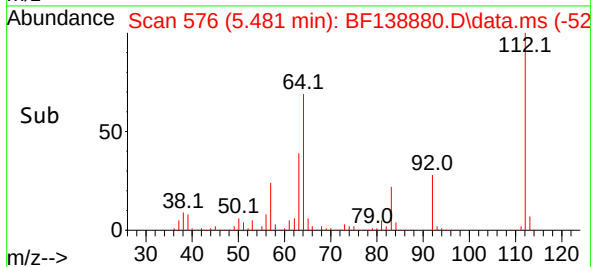
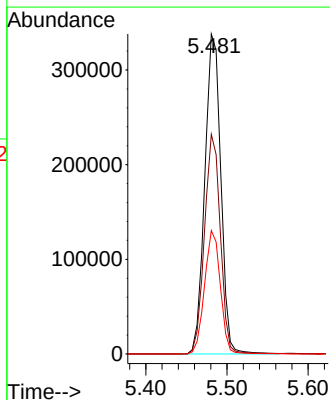
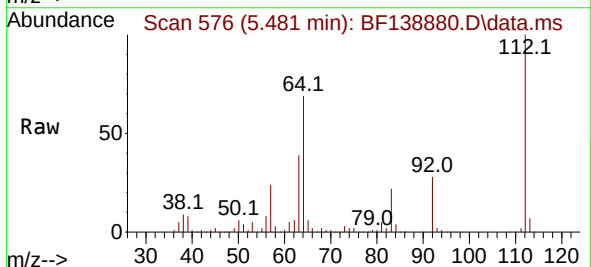


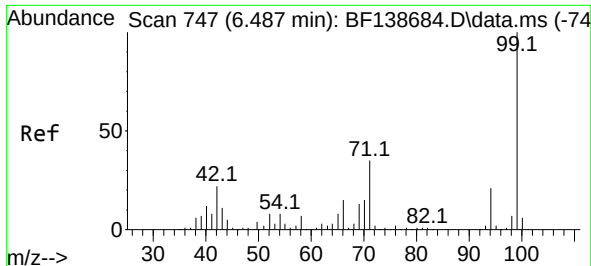
Tgt Ion:152 Resp: 53191
Ion Ratio Lower Upper
152 100
150 160.5 126.0 189.0
115 67.4 51.7 77.5



#5
2-Fluorophenol
Concen: 134.312 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

Tgt Ion:112 Resp: 462810
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 38.6 28.7 43.1

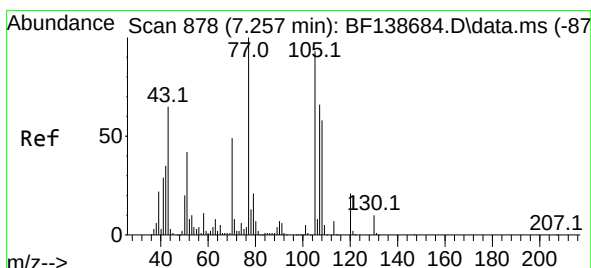
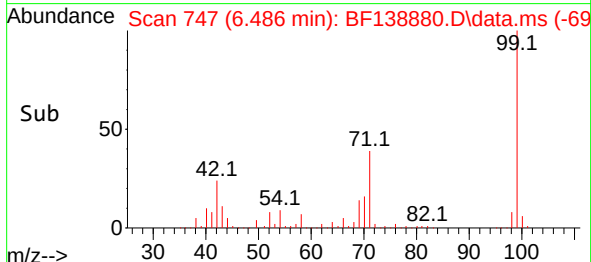
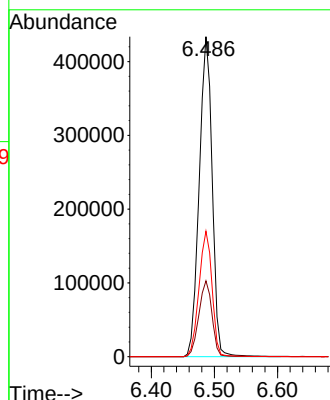
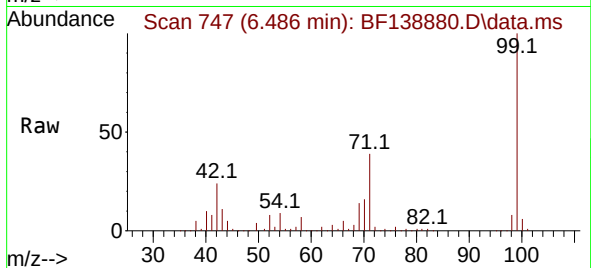




#7
Phenol-d6
Concen: 133.960 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

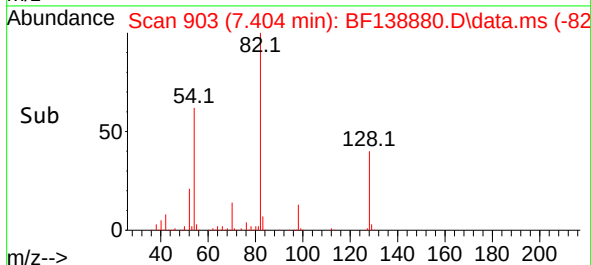
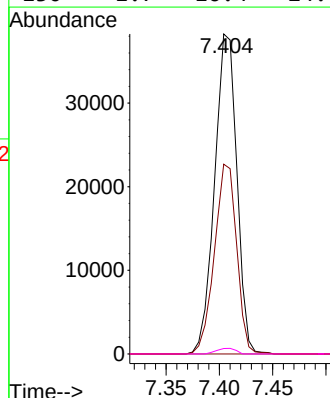
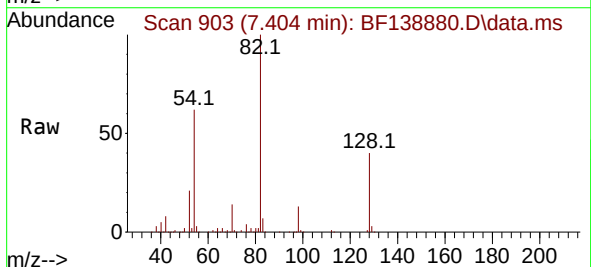
Instrument :
BNA_F
ClientSampleId :
PB162421BL

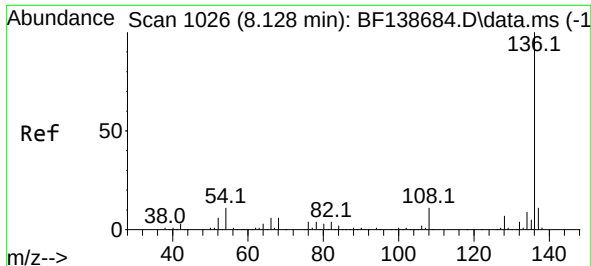
Tgt Ion: 99 Resp: 619741
Ion Ratio Lower Upper
99 100
42 23.7 17.4 26.0
71 39.2 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.871 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

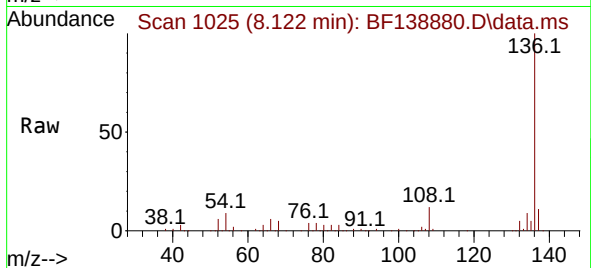
Tgt Ion: 70 Resp: 55525
Ion Ratio Lower Upper
70 100
42 59.3 57.4 86.0
101 0.0 7.5 11.3#
130 1.7 16.4 24.6#



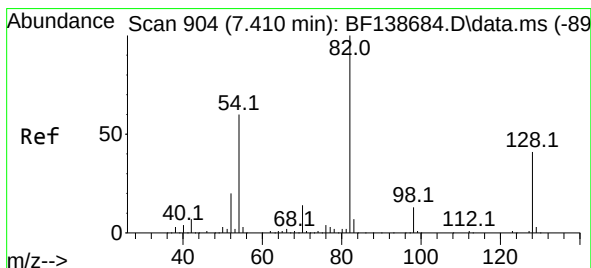
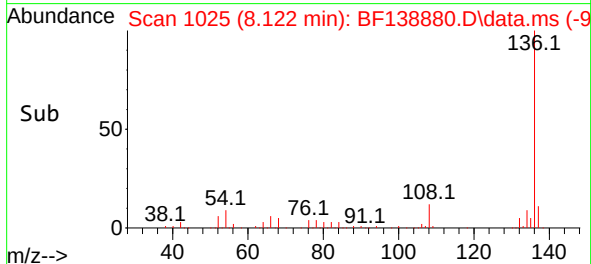
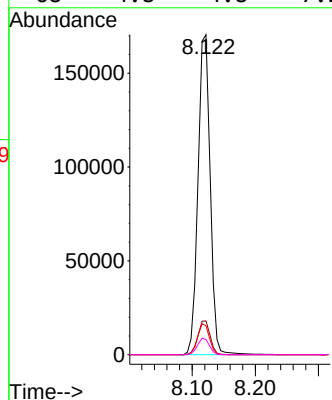


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

Instrument :
BNA_F
ClientSampleId :
PB162421BL

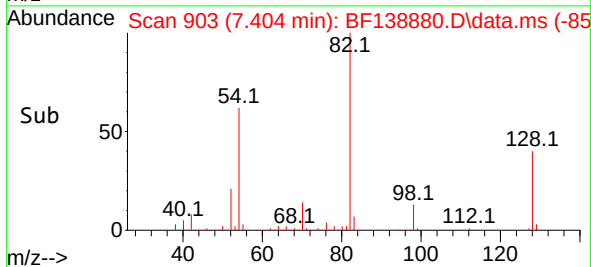
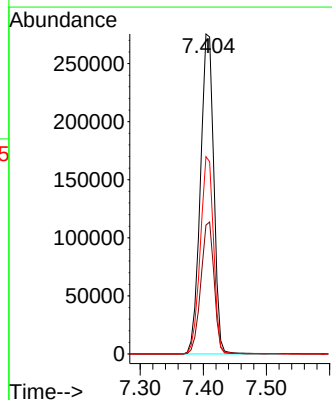
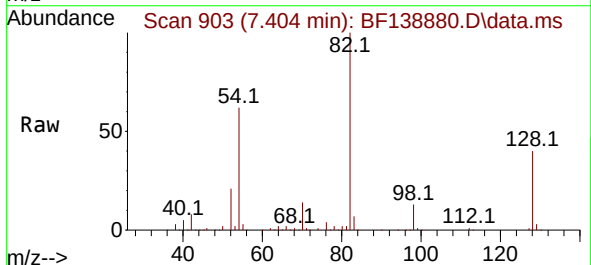


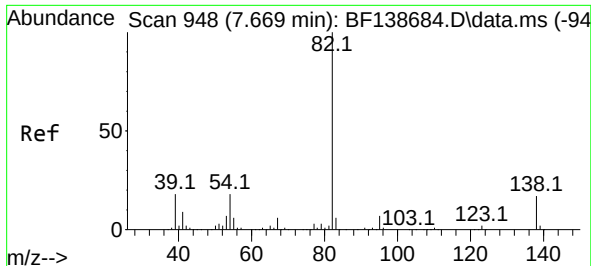
Tgt Ion:136 Resp: 228290
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.0 8.6 12.8
68 4.8 4.8 7.2#



#23
Nitrobenzene-d5
Concen: 86.934 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

Tgt Ion: 82 Resp: 405924
Ion Ratio Lower Upper
82 100
128 40.2 32.8 49.2
54 61.7 48.3 72.5

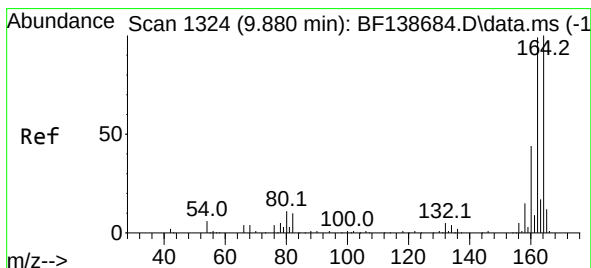
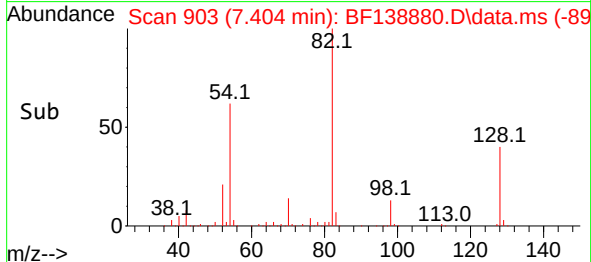
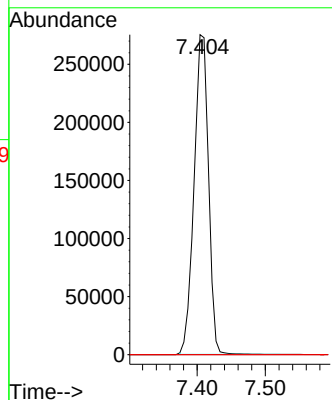
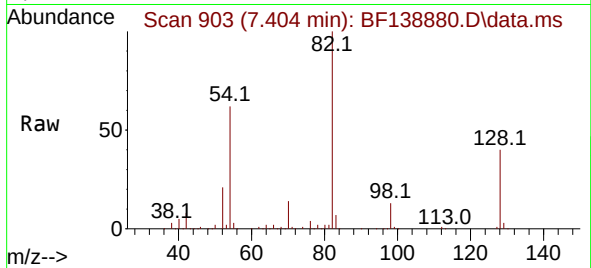




#25
Isophorone
Concen: 50.543 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

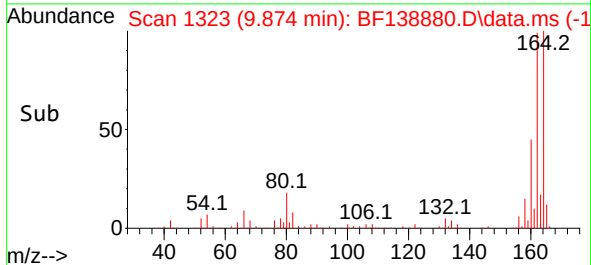
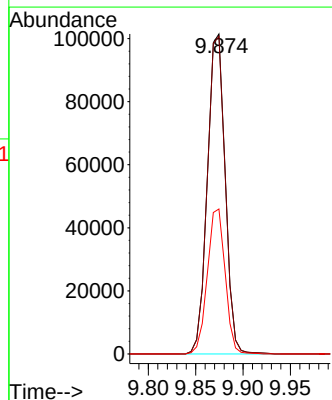
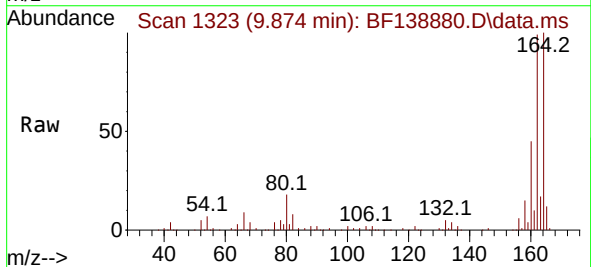
Instrument :
BNA_F
ClientSampleId :
PB162421BL

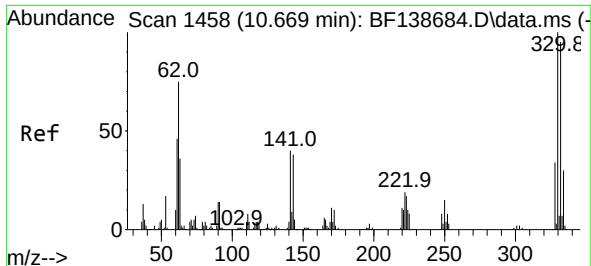
Tgt Ion: 82 Resp: 402988
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

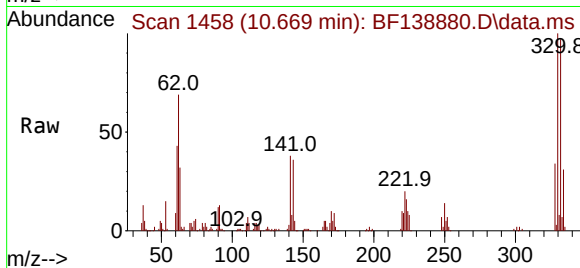
Tgt Ion:164 Resp: 132774
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 45.3 35.1 52.7



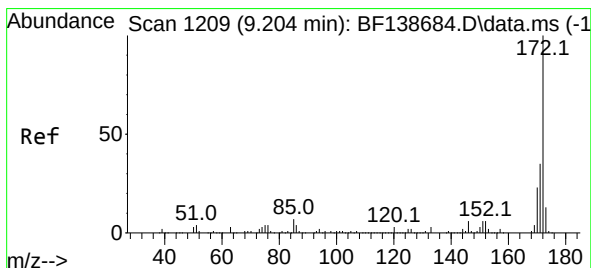
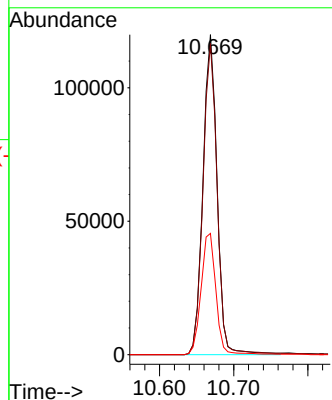
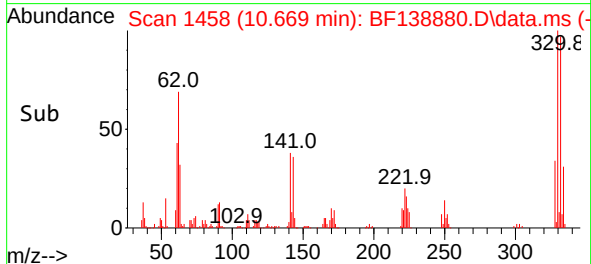


#42
2,4,6-Tribromophenol
Concen: 146.499 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

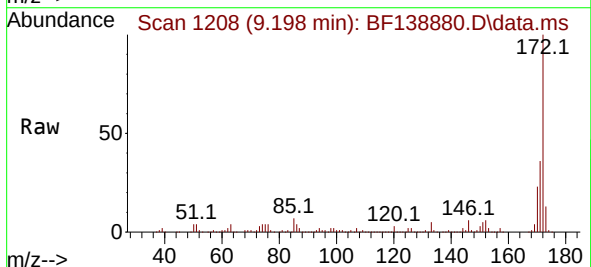
Instrument :
BNA_F
ClientSampleId :
PB162421BL



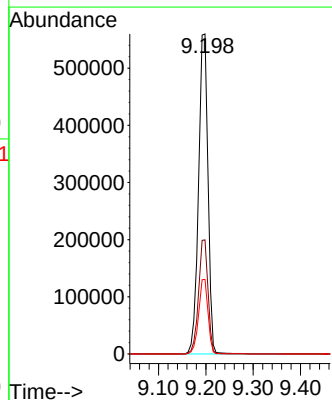
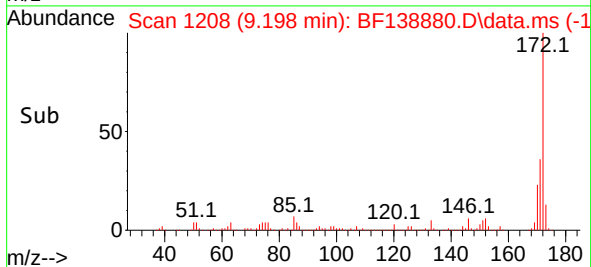
Tgt Ion:330 Resp: 159332
Ion Ratio Lower Upper
330 100
332 98.5 76.4 114.6
141 40.1 31.1 46.7

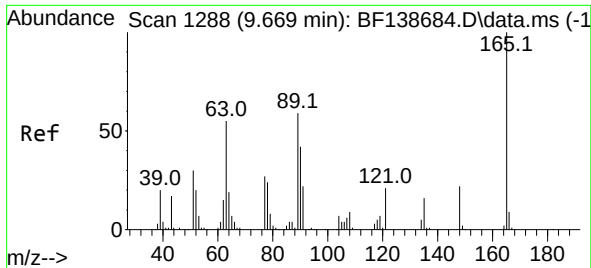


#45
2-Fluorobiphenyl
Concen: 87.834 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19



Tgt Ion:172 Resp: 776180
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 18.8 28.2

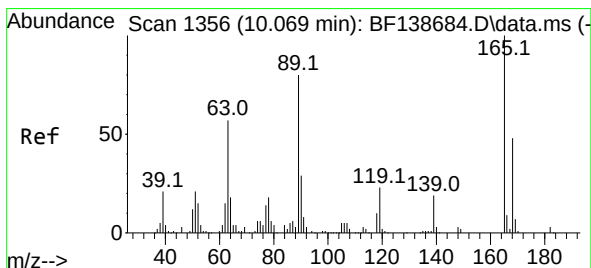
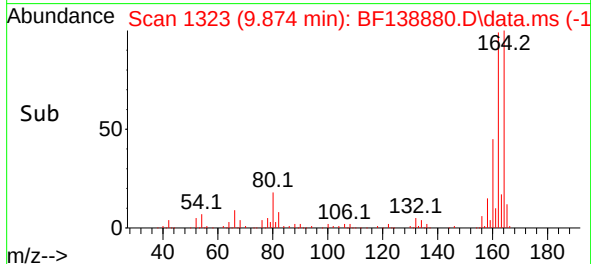
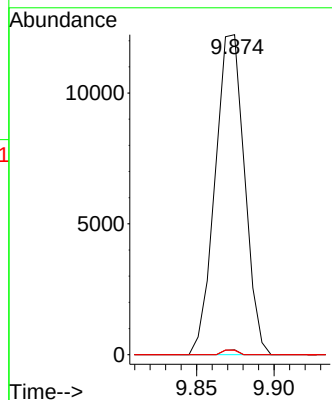
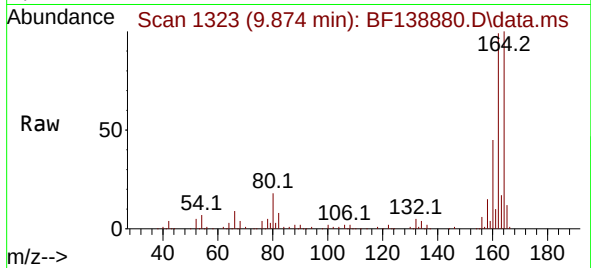




#51
2,6-Dinitrotoluene
Concen: 8.435 ng
RT: 9.874 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

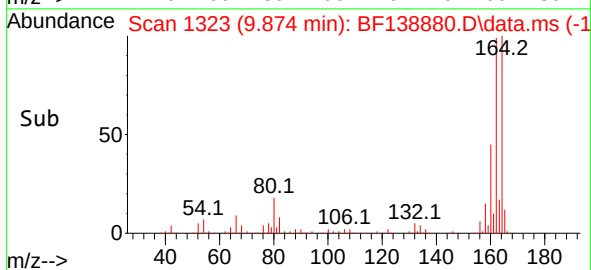
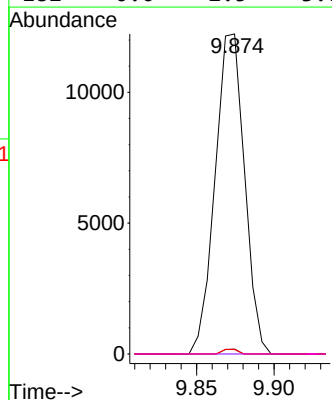
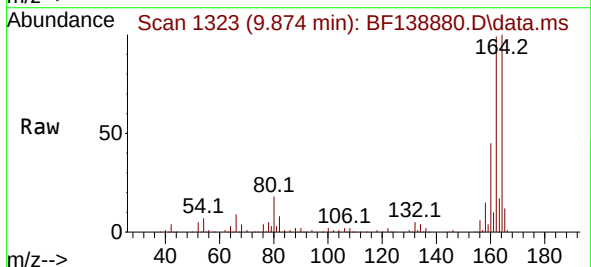
Instrument :
BNA_F
ClientSampleId :
PB162421BL

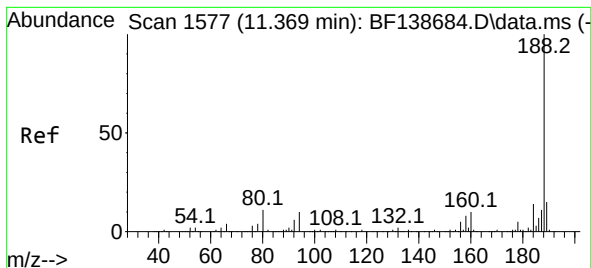
Tgt Ion:165 Resp: 16162
Ion Ratio Lower Upper
165 100
63 1.6 52.0 78.0#
89 1.4 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.612 ng
RT: 9.874 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

Tgt Ion:165 Resp: 16162
Ion Ratio Lower Upper
165 100
63 1.6 46.3 69.5#
89 1.4 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138880.D

Acq: 09 Aug 2024 10:19

Instrument :

BNA_F

ClientSampleId :

PB162421BL

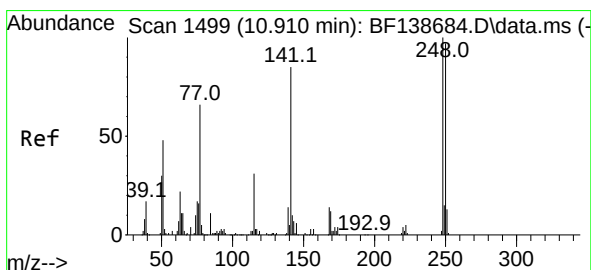
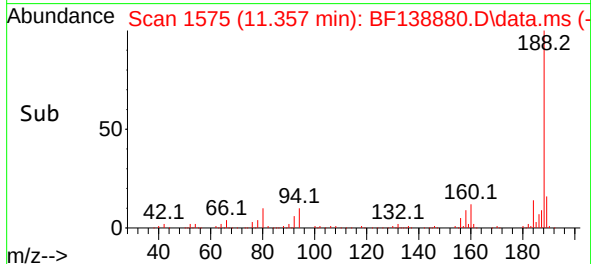
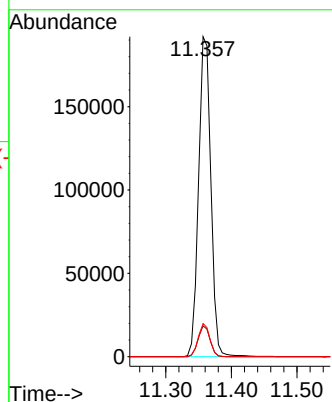
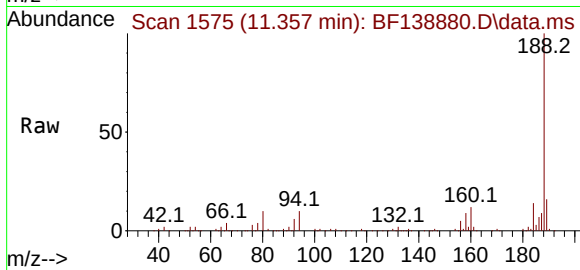
Tgt Ion:188 Resp: 250338

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.4 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.174 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138880.D

Acq: 09 Aug 2024 10:19

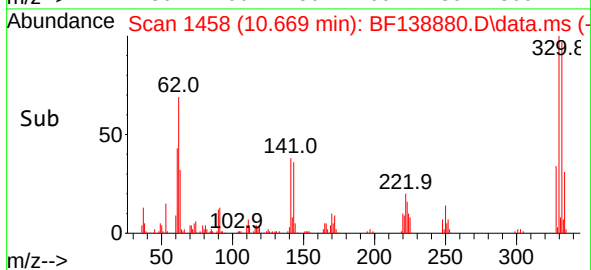
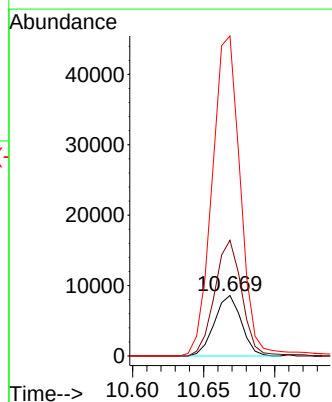
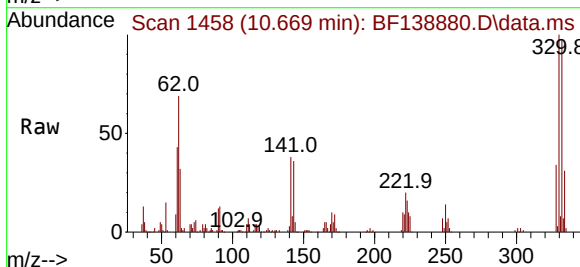
Tgt Ion:248 Resp: 11312

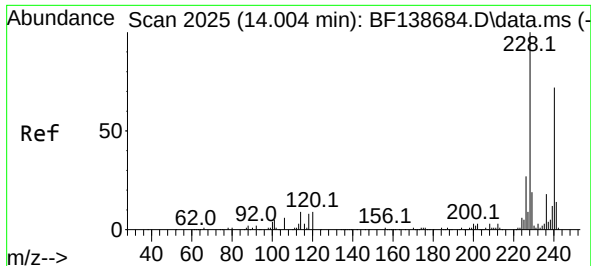
Ion Ratio Lower Upper

248 100

250 191.3 77.7 116.5#

141 529.2 68.0 102.0#

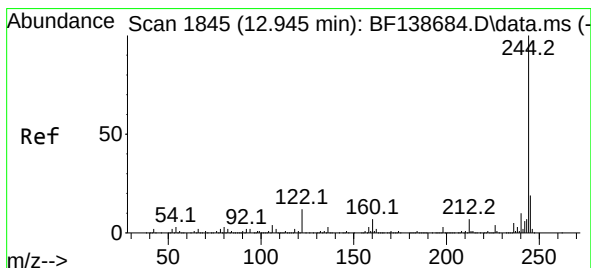
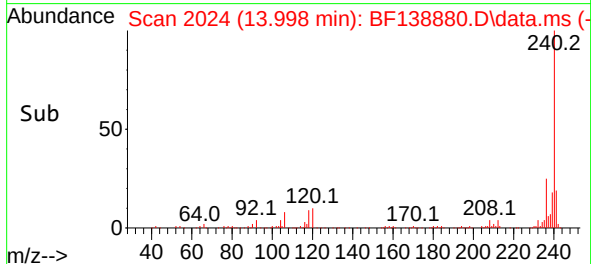
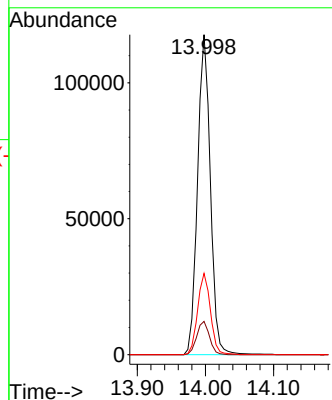
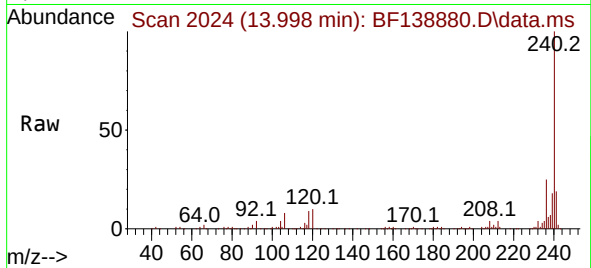




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

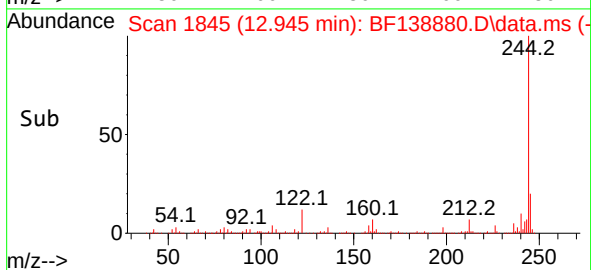
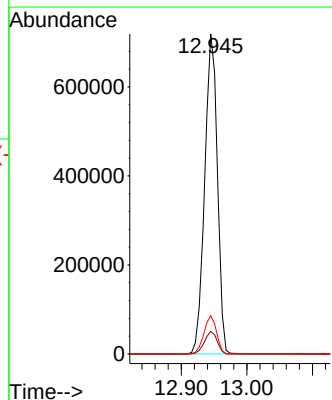
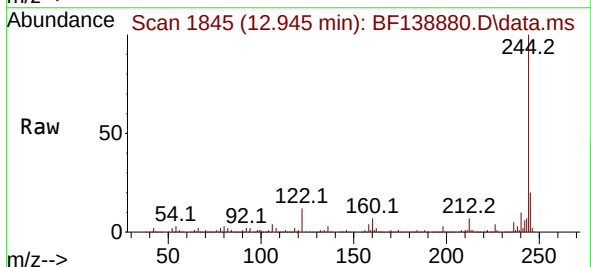
Instrument :
BNA_F
ClientSampleId :
PB162421BL

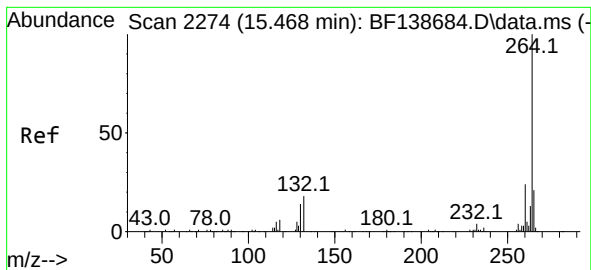
Tgt Ion:240 Resp: 153257
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.4
236 25.4 19.8 29.8



#79
Terphenyl-d14
Concen: 105.804 ng
RT: 12.945 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

Tgt Ion:244 Resp: 968492
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.9 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138880.D

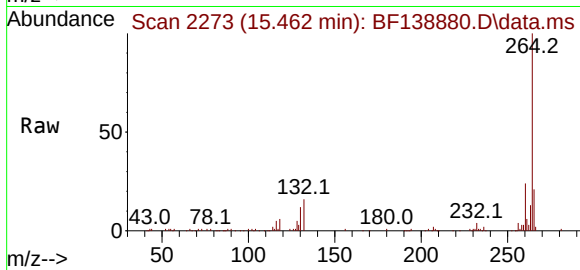
Acq: 09 Aug 2024 10:19

Instrument :

BNA_F

ClientSampleId :

PB162421BL



Tgt Ion:264 Resp: 107984

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.2 17.0 25.6

