

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138836.D
 Acq On : 07 Aug 2024 11:59
 Operator : RC/JU
 Sample : PB162463BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162463BL

Quant Time: Aug 07 12:38:11 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)

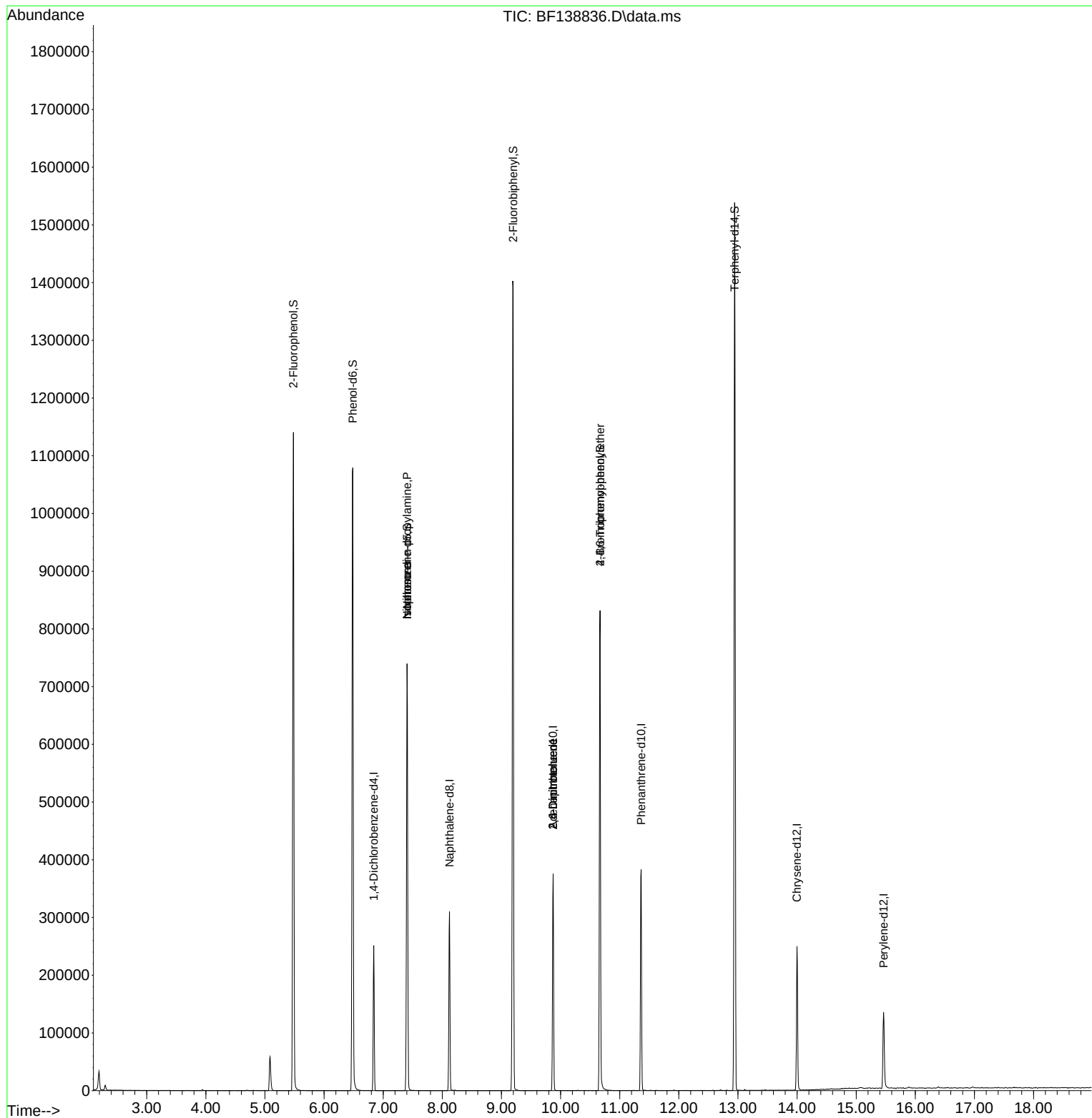
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	45858	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	189947	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	110215	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	204848	20.000	ng	0.00
76) Chrysene-d12	13.998	240	119313	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	83107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	388995	130.942	ng	0.01
7) Phenol-d6	6.487	99	510378	127.961	ng	0.00
23) Nitrobenzene-d5	7.404	82	338428	87.110	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	130796	144.877	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	636161	86.724	ng	0.00
79) Terphenyl-d14	12.945	244	740902	103.968	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	46956	19.492	ng	# 76
25) Isophorone	7.404	82	335953	50.641	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	14323	9.006	ng	# 19
57) 2,4-Dinitrotoluene	9.875	165	14323	7.059	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	9709	4.378	ng	# 1

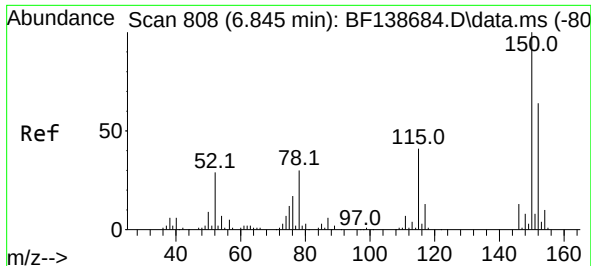
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

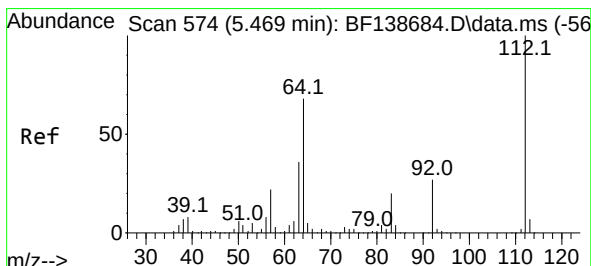
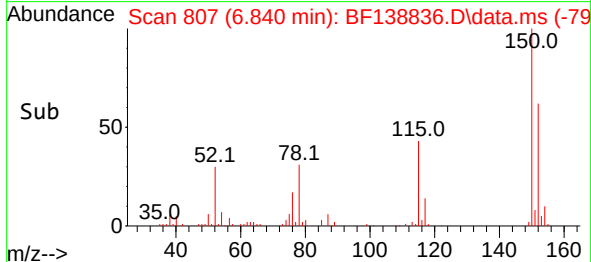
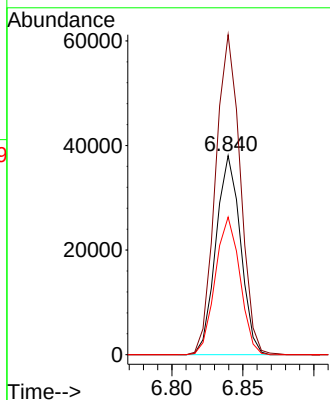
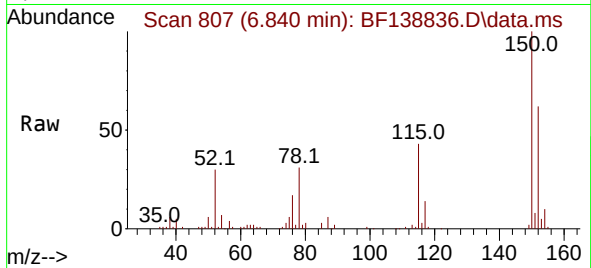




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59

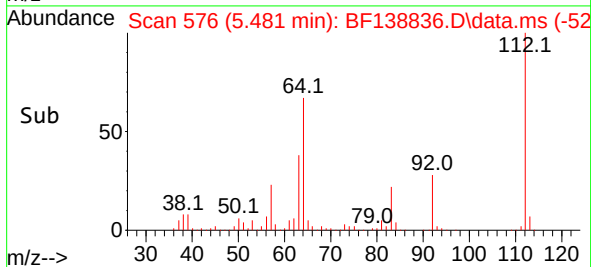
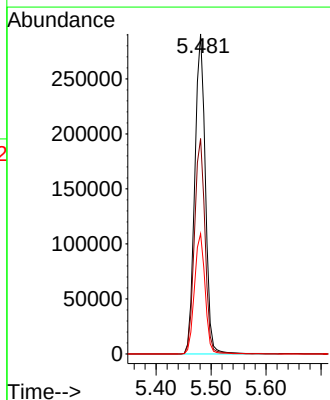
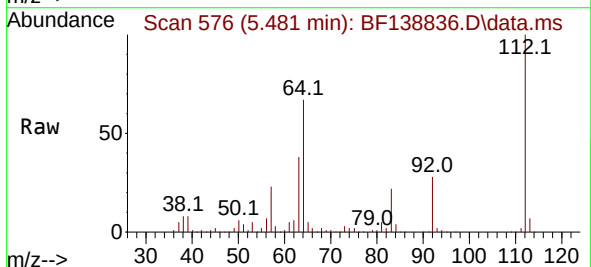
Instrument :
BNA_F
ClientSampleId :
PB162463BL

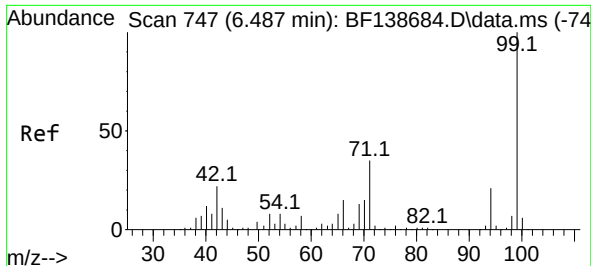
Tgt Ion:152 Resp: 45858
Ion Ratio Lower Upper
152 100
150 160.8 126.0 189.0
115 69.2 51.7 77.5



#5
2-Fluorophenol
Concen: 130.942 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59

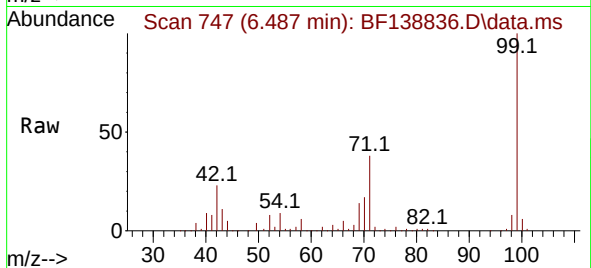
Tgt Ion:112 Resp: 388995
Ion Ratio Lower Upper
112 100
64 67.3 54.2 81.4
63 37.5 28.7 43.1



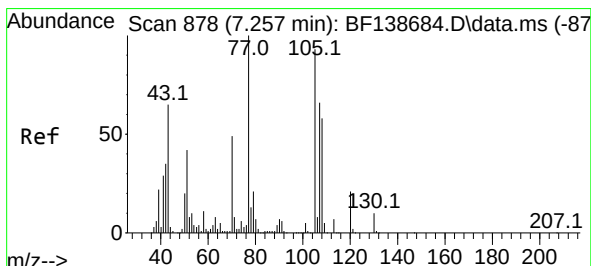
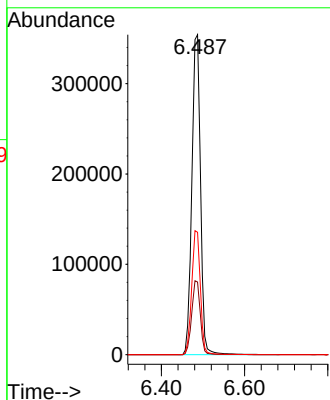
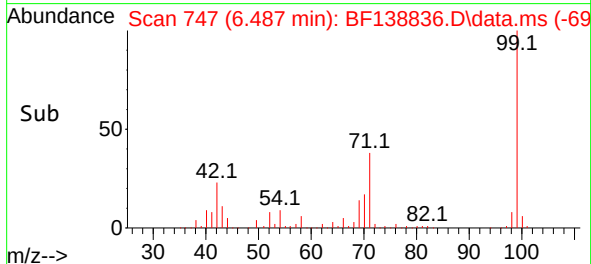


#7
Phenol-d6
Concen: 127.961 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59

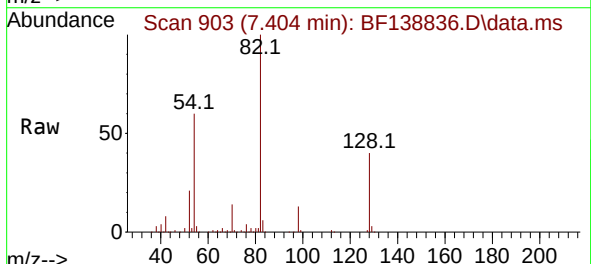
Instrument :
BNA_F
ClientSampleId :
PB162463BL



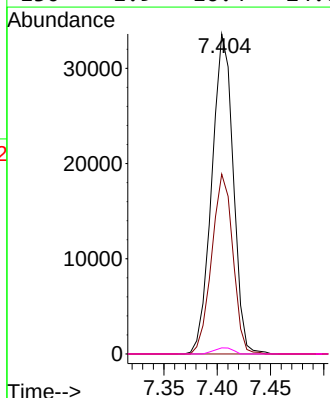
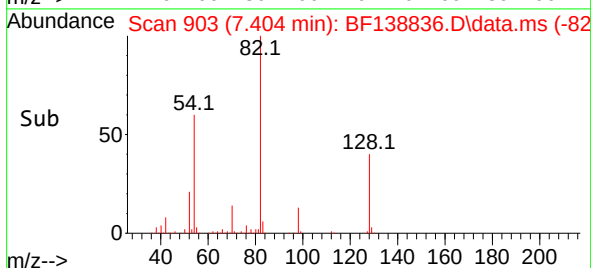
Tgt Ion: 99 Resp: 510378
Ion Ratio Lower Upper
99 100
42 22.7 17.4 26.0
71 38.3 28.1 42.1

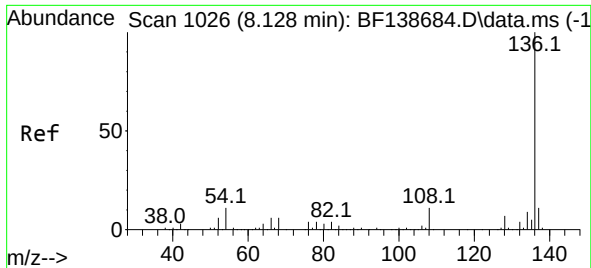


#19
n-Nitroso-di-n-propylamine
Concen: 19.492 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59



Tgt Ion: 70 Resp: 46956
Ion Ratio Lower Upper
70 100
42 56.2 57.4 86.0#
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#

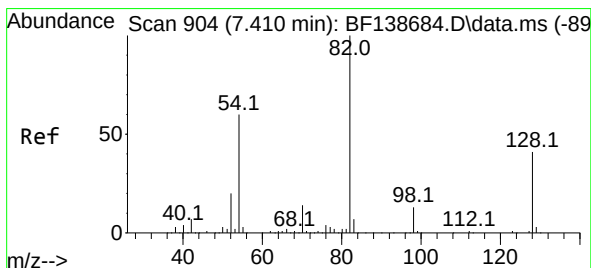
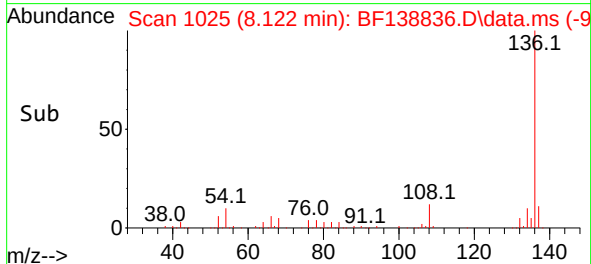
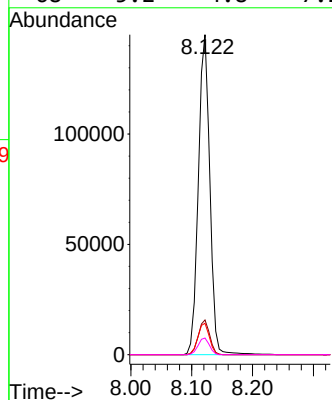
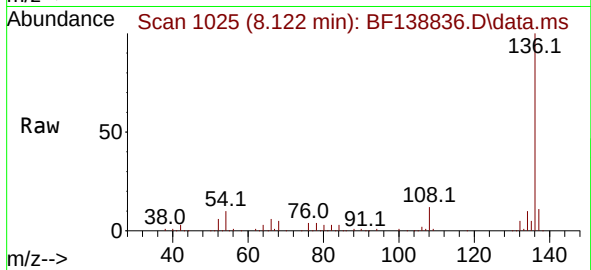




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59

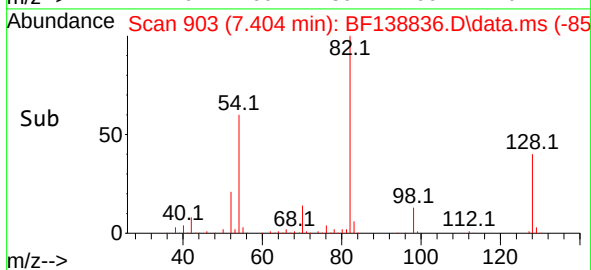
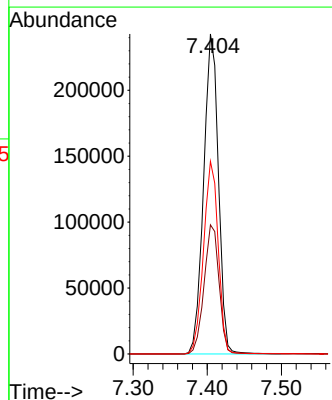
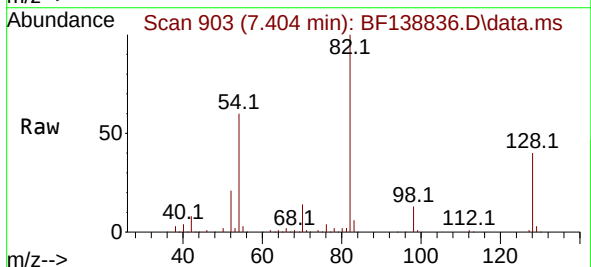
Instrument :
BNA_F
ClientSampleId :
PB162463BL

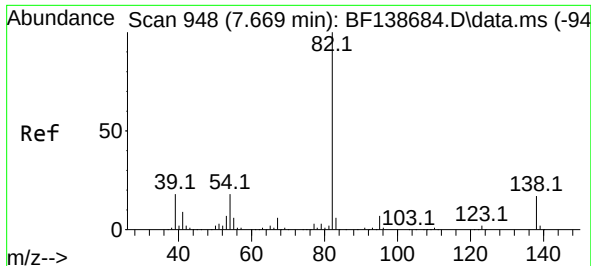
Tgt Ion:	136	Resp:	189947
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.8	8.6	12.8
68	5.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 87.110 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59

Tgt Ion:	82	Resp:	338428
Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.8	49.2
54	60.2	48.3	72.5

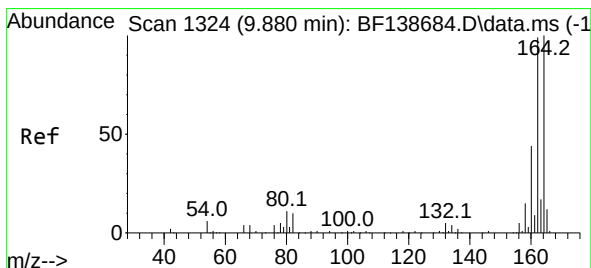
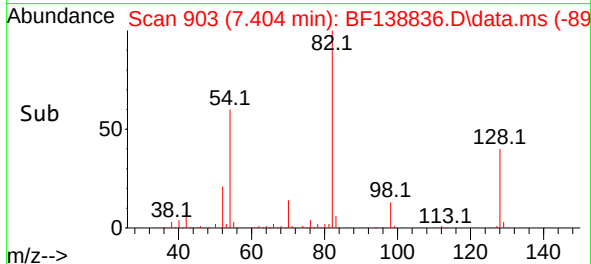
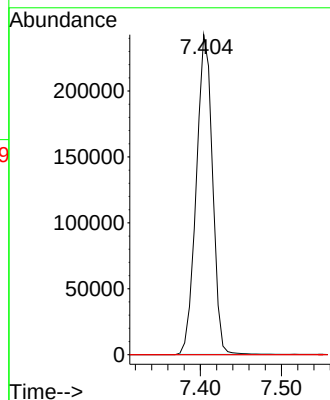
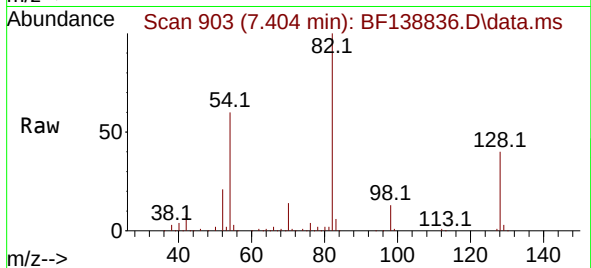




#25
Isophorone
Concen: 50.641 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59

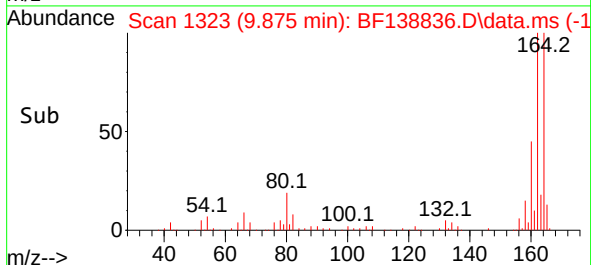
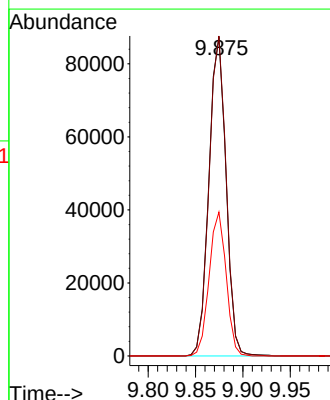
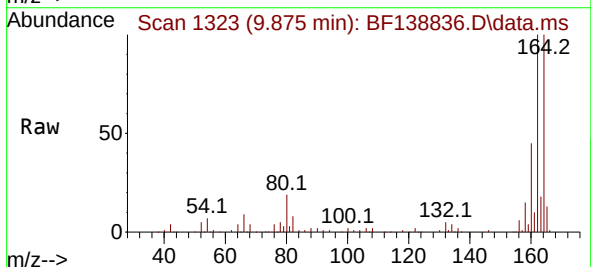
Instrument :
BNA_F
ClientSampleId :
PB162463BL

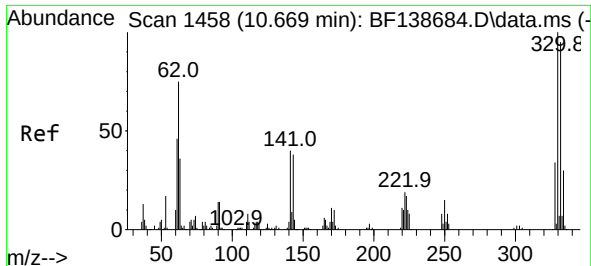
Tgt Ion: 82 Resp: 335953
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59

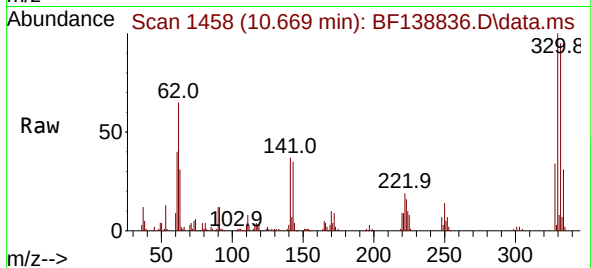
Tgt Ion:164 Resp: 110215
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 45.1 35.1 52.7



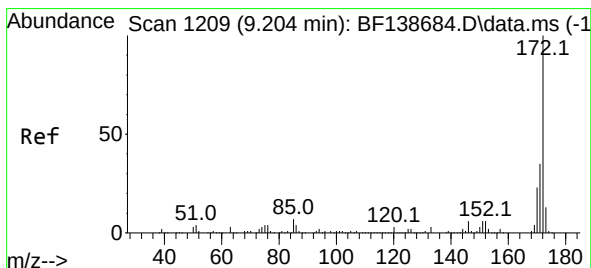
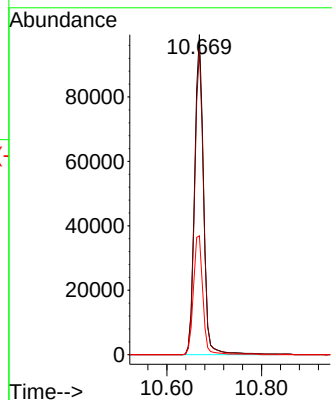
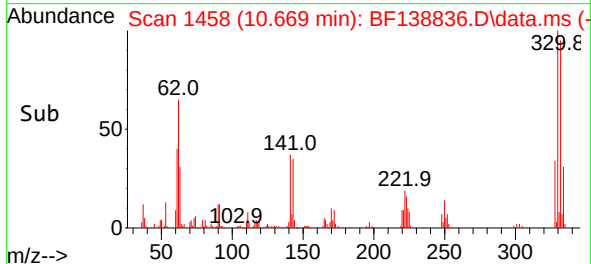


#42
2,4,6-Tribromophenol
Concen: 144.877 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59

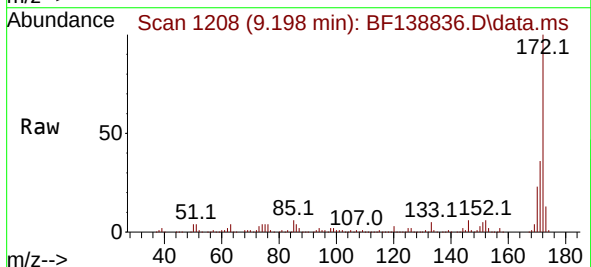
Instrument :
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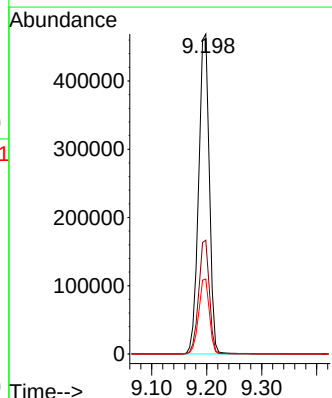
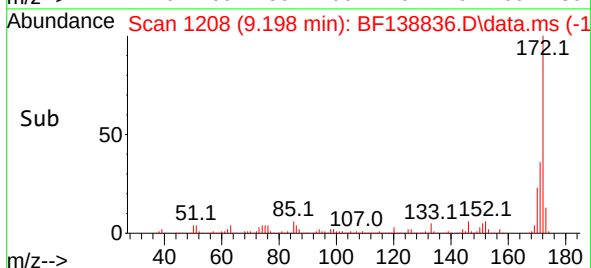
Tgt Ion:330 Resp: 130796
Ion Ratio Lower Upper
330 100
332 95.3 76.4 114.6
141 39.0 31.1 46.7

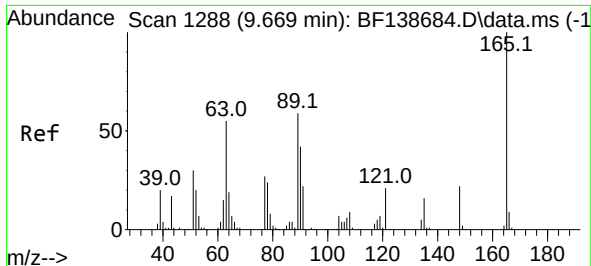


#45
2-Fluorobiphenyl
Concen: 86.724 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59



Tgt Ion:172 Resp: 636161
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.4 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.006 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF138836.D

Acq: 07 Aug 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB162463BL

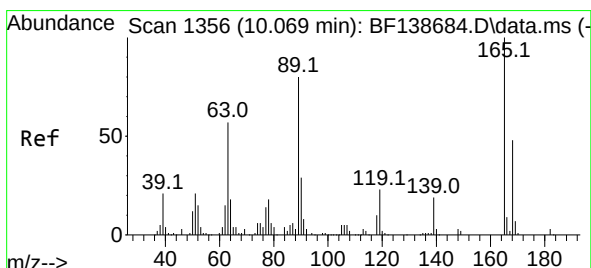
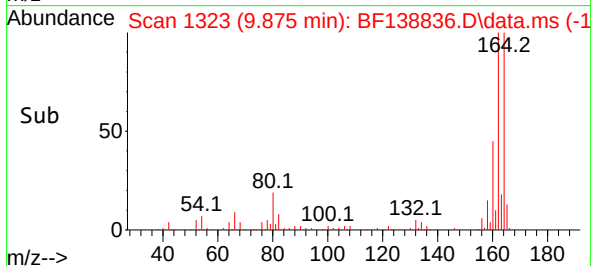
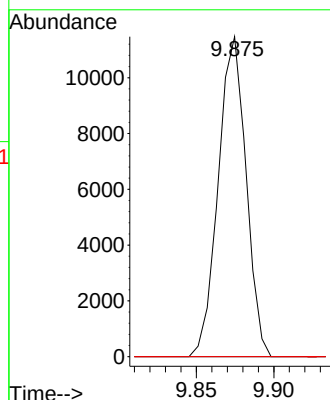
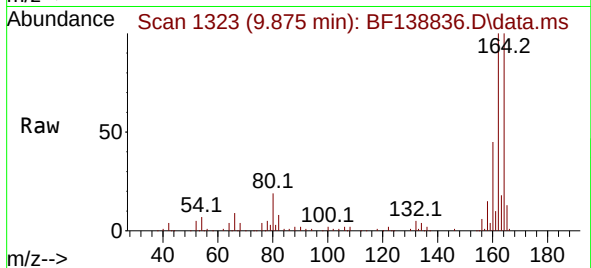
Tgt Ion:165 Resp: 14323

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: 7.059 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.194 min

Lab File: BF138836.D

Acq: 07 Aug 2024 11:59

Tgt Ion:165 Resp: 14323

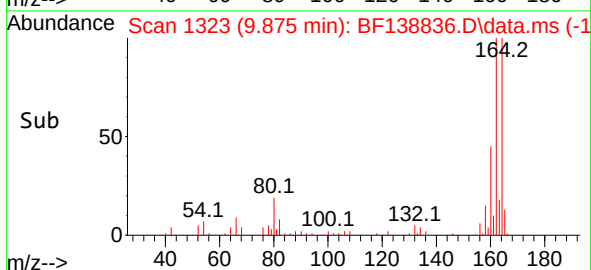
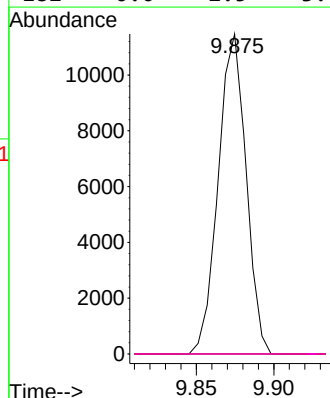
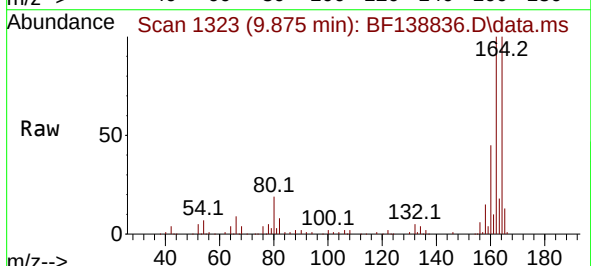
Ion Ratio Lower Upper

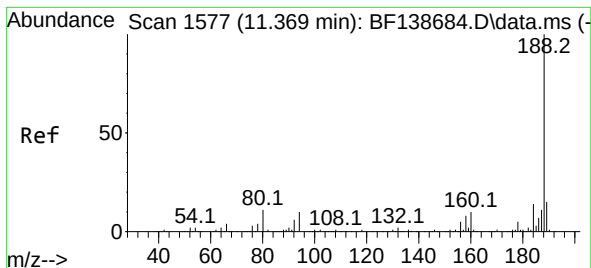
165 100

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: BF138836.D

Acq: 07 Aug 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB162463BL

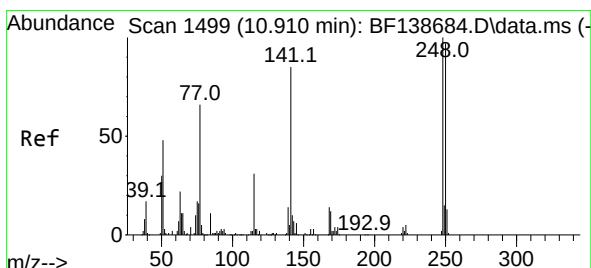
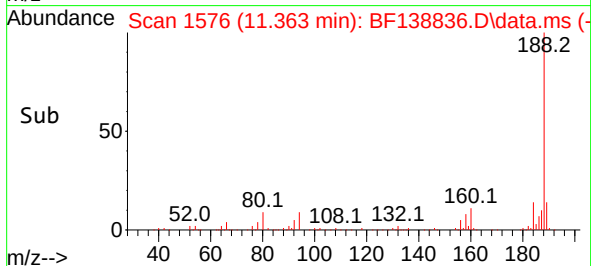
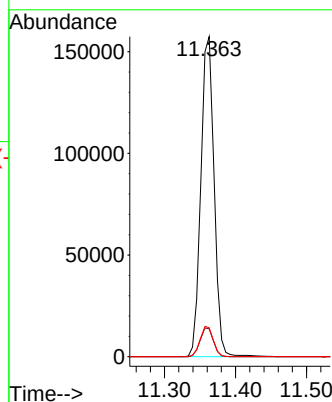
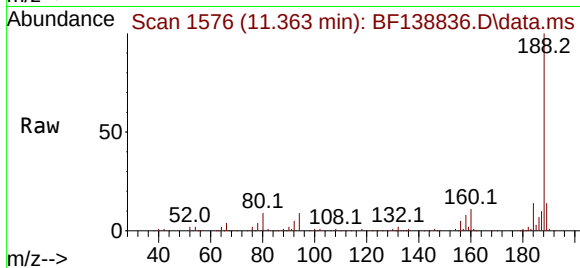
Tgt Ion:188 Resp: 204848

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 9.1 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.378 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138836.D

Acq: 07 Aug 2024 11:59

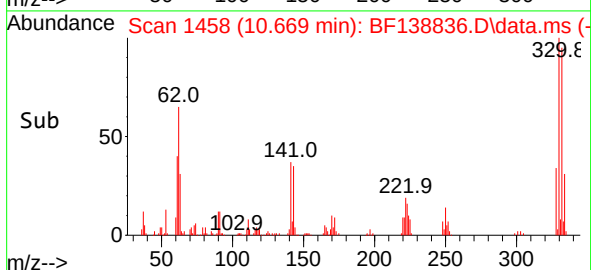
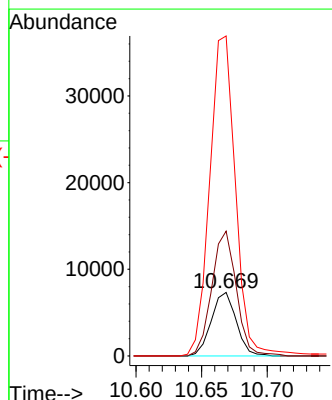
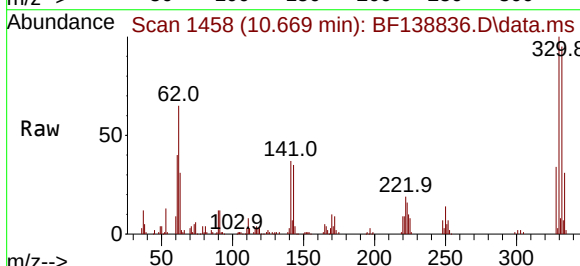
Tgt Ion:248 Resp: 9709

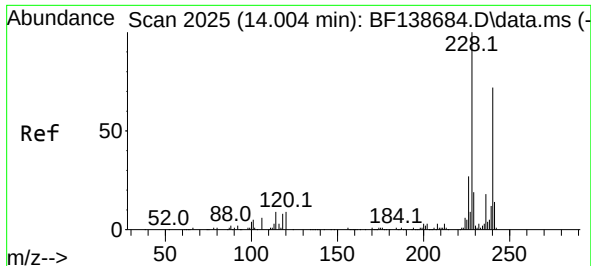
Ion Ratio Lower Upper

248 100

250 196.7 77.7 116.5#

141 504.3 68.0 102.0#

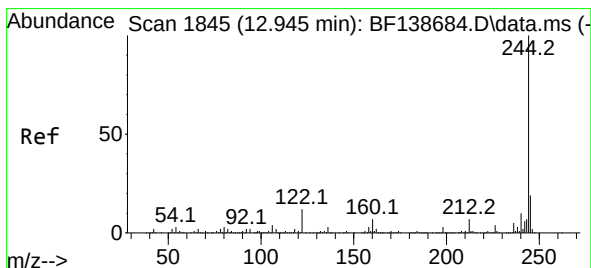
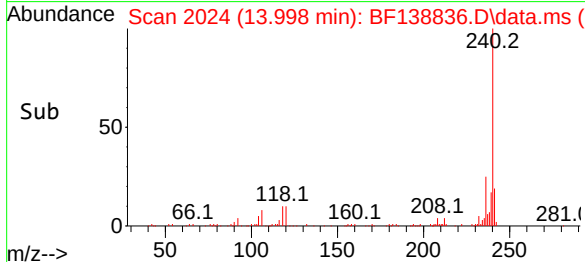
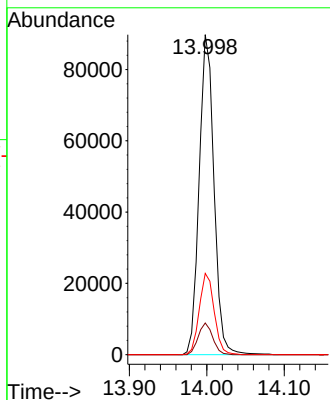
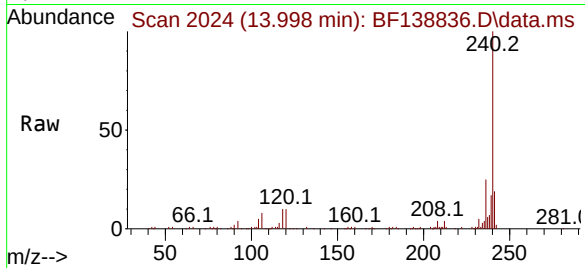




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59

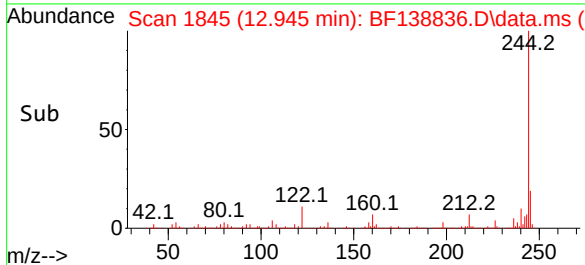
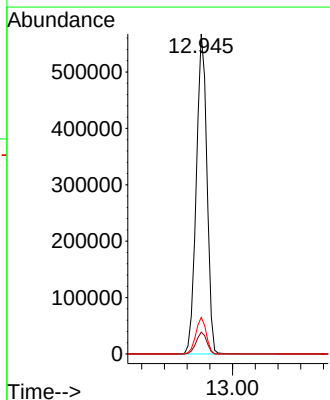
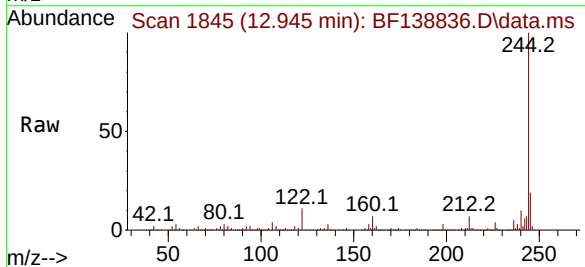
Instrument :
BNA_F
ClientSampleId :
PB162463BL

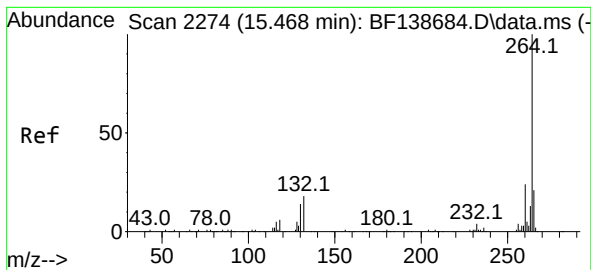
Tgt Ion:240 Resp: 119313
Ion Ratio Lower Upper
240 100
120 9.9 10.2 15.4#
236 25.4 19.8 29.8



#79
Terphenyl-d14
Concen: 103.968 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59

Tgt Ion:244 Resp: 740902
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.4 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138836.D

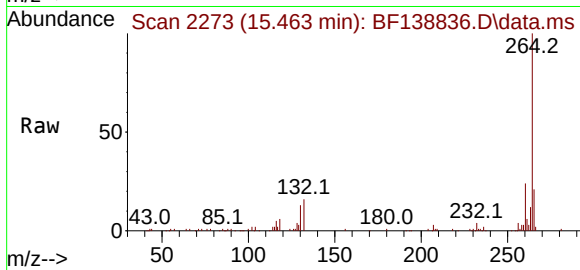
Acq: 07 Aug 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB162463BL



Tgt Ion:264 Resp: 83107

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.5 17.0 25.6

