

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF138989.D
 Acq On : 14 Aug 2024 12:32
 Operator : RC/JU
 Sample : PB162577BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162577BL

Quant Time: Aug 14 13:13:53 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)

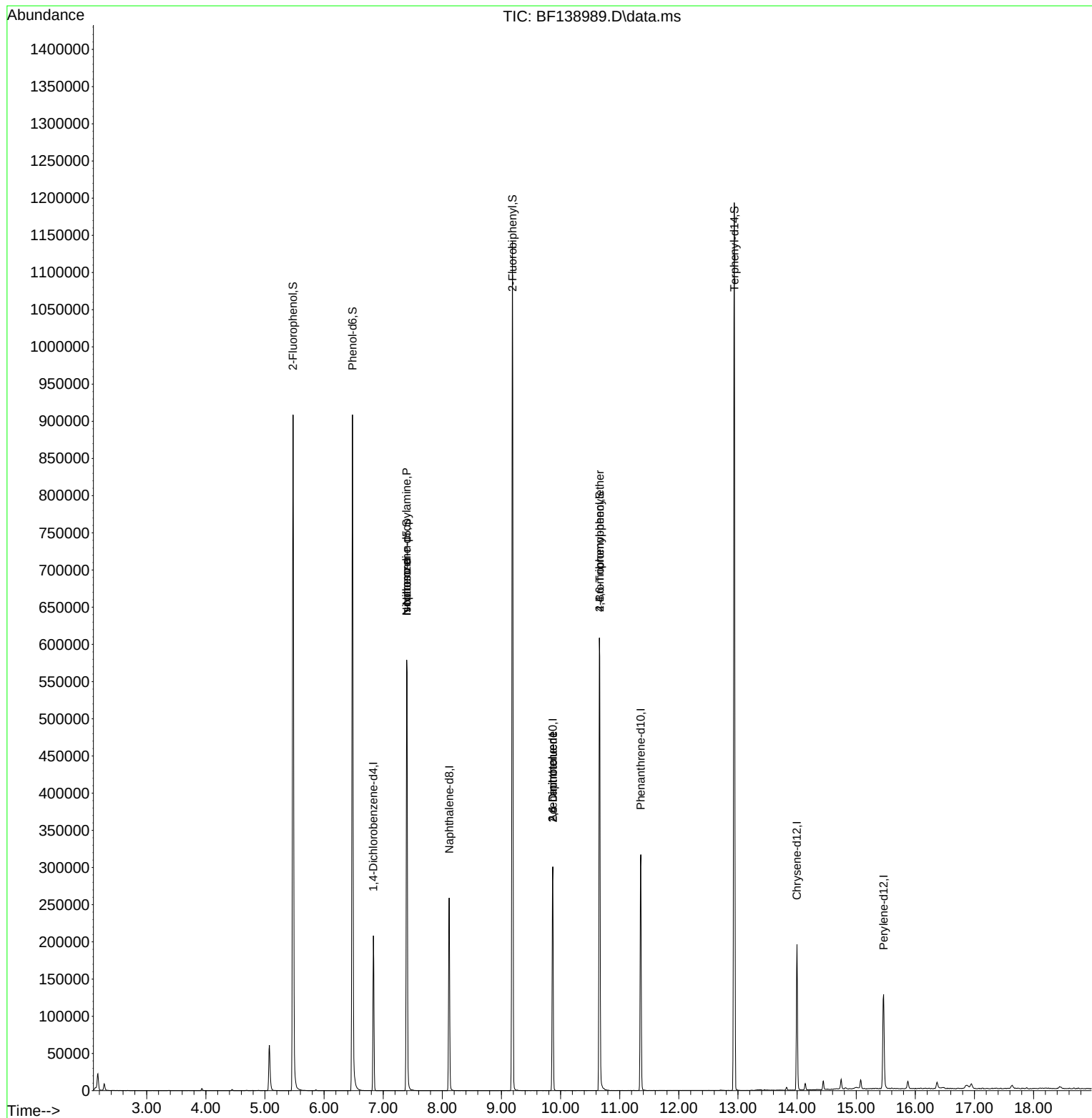
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	37702	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	157691	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	89172	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	168032	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	92406	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	75422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	299051	122.442	ng	0.00
7) Phenol-d6	6.481	99	391711	119.455	ng	0.00
23) Nitrobenzene-d5	7.398	82	258667	80.198	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	87667	120.020	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	479801	80.844	ng	-0.02
79) Terphenyl-d14	12.939	244	555897	100.721	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	35148	17.747	ng	# 81
25) Isophorone	7.398	82	258665	46.967	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11338	8.811	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	11338	6.906	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	6507	3.577	ng	# 1

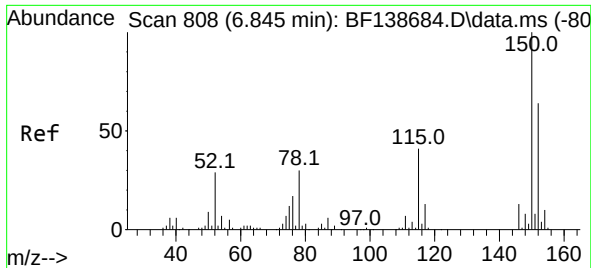
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
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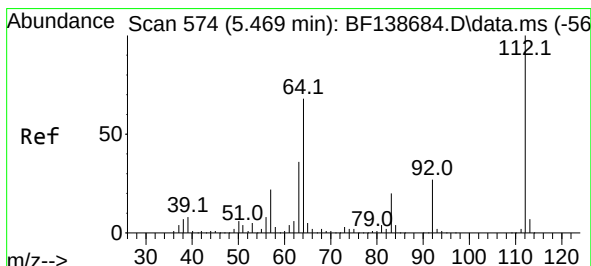
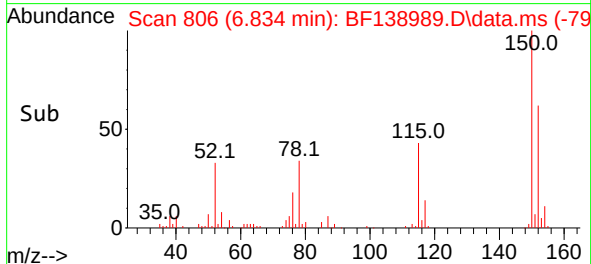
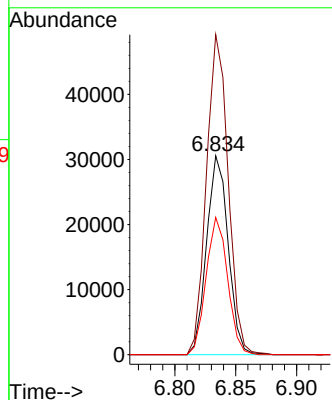
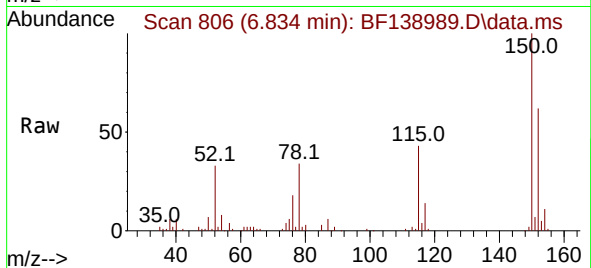




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF138989.D
Acq: 14 Aug 2024 12:32

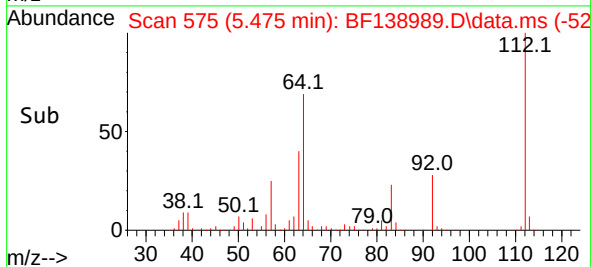
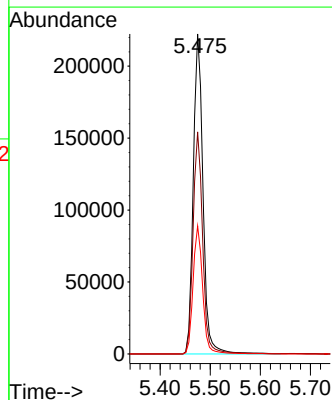
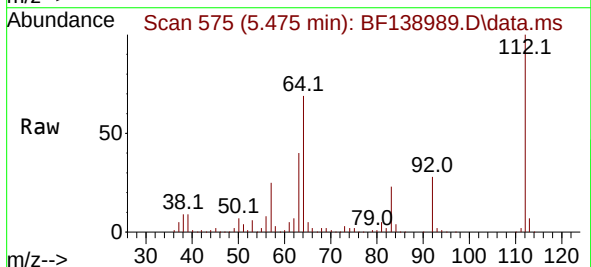
Instrument :
BNA_F
ClientSampleId :
PB162577BL

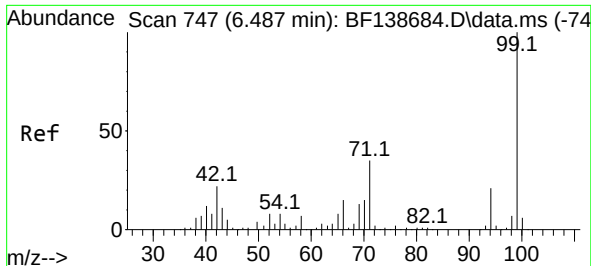
Tgt Ion:152 Resp: 37702
Ion Ratio Lower Upper
152 100
150 160.8 126.0 189.0
115 69.0 51.7 77.5



#5
2-Fluorophenol
Concen: 122.442 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138989.D
Acq: 14 Aug 2024 12:32

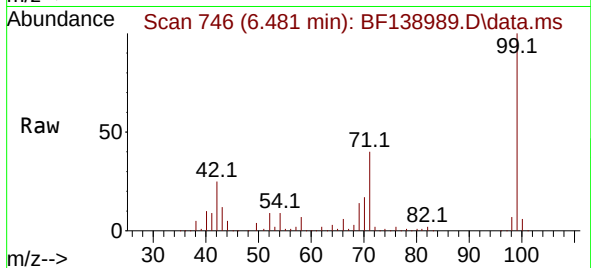
Tgt Ion:112 Resp: 299051
Ion Ratio Lower Upper
112 100
64 69.4 54.2 81.4
63 40.0 28.7 43.1



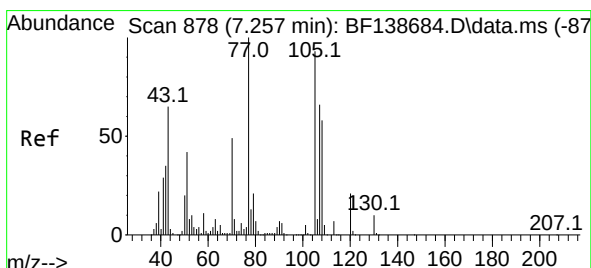
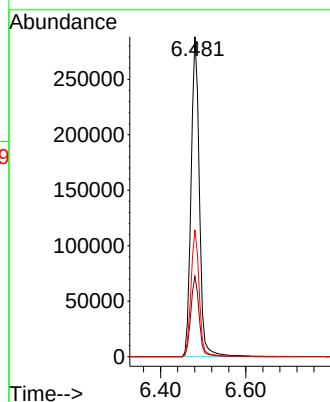
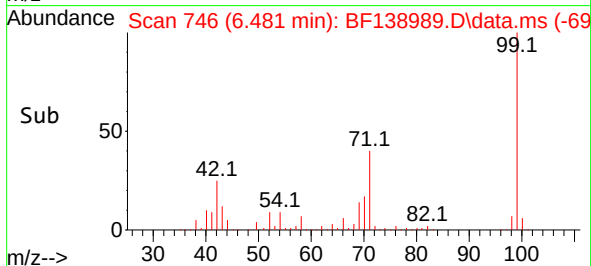


#7
Phenol-d6
Concen: 119.455 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138989.D
Acq: 14 Aug 2024 12:32

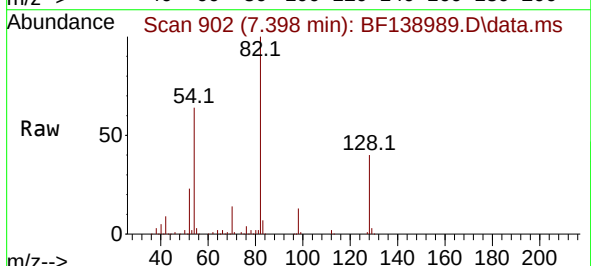
Instrument :
BNA_F
ClientSampleId :
PB162577BL



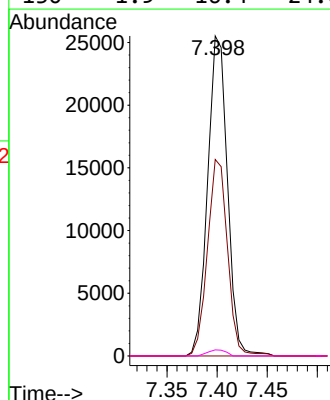
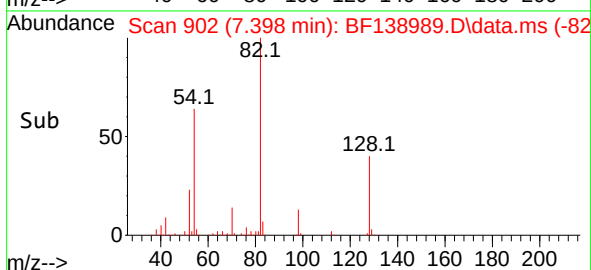
Tgt Ion: 99 Resp: 391711
Ion Ratio Lower Upper
99 100
42 25.1 17.4 26.0
71 39.7 28.1 42.1

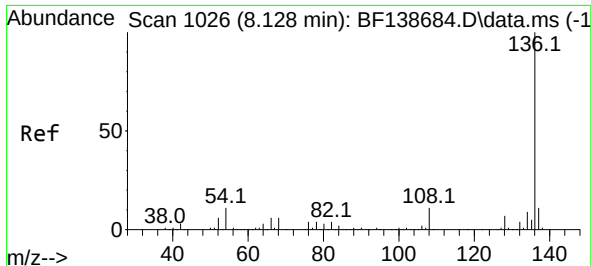


#19
n-Nitroso-di-n-propylamine
Concen: 17.747 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF138989.D
Acq: 14 Aug 2024 12:32



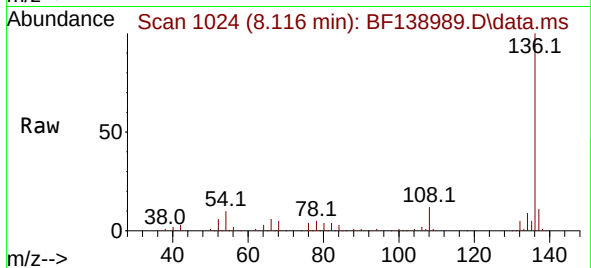
Tgt Ion: 70 Resp: 35148
Ion Ratio Lower Upper
70 100
42 61.4 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



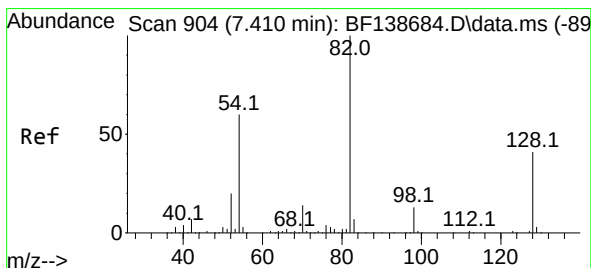
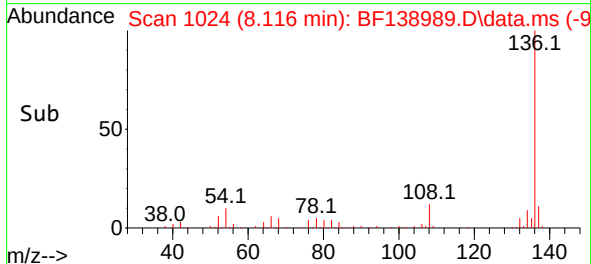
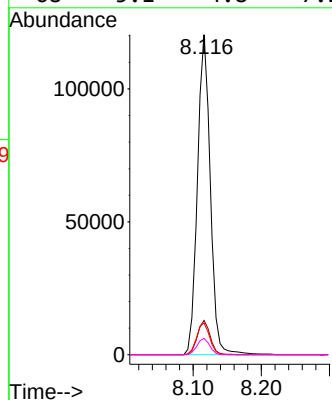


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138989.D
Acq: 14 Aug 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB162577BL

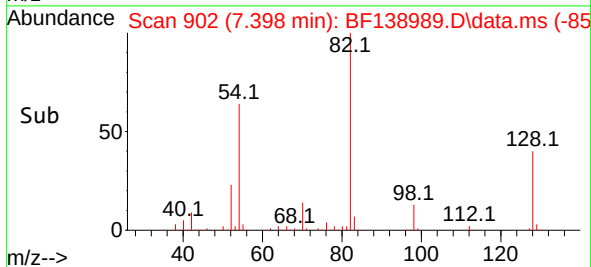
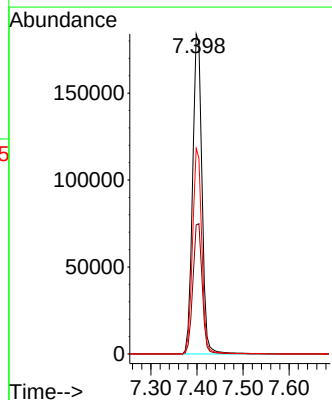
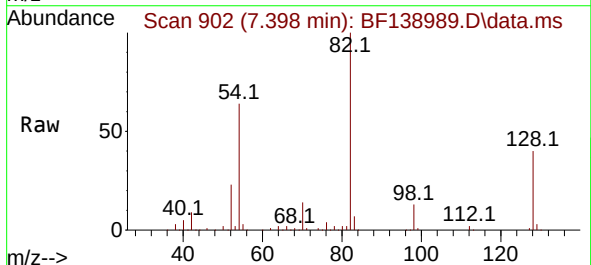


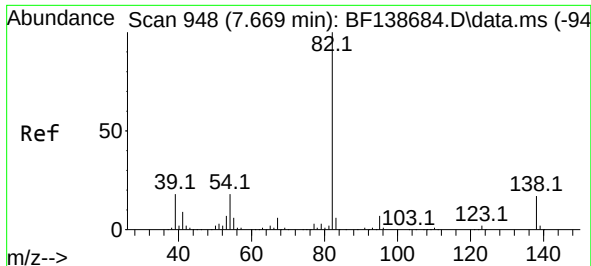
Tgt Ion:136 Resp: 157691
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.9 8.6 12.8
68 5.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 80.198 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF138989.D
Acq: 14 Aug 2024 12:32

Tgt Ion: 82 Resp: 258667
Ion Ratio Lower Upper
82 100
128 40.3 32.8 49.2
54 64.2 48.3 72.5

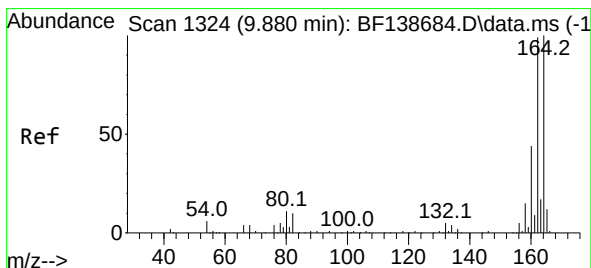
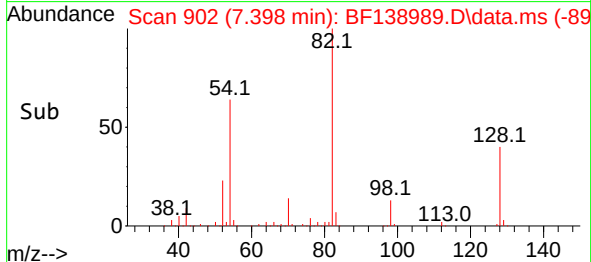
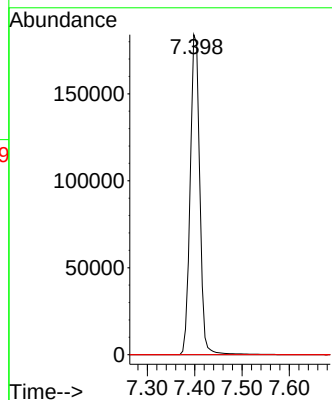
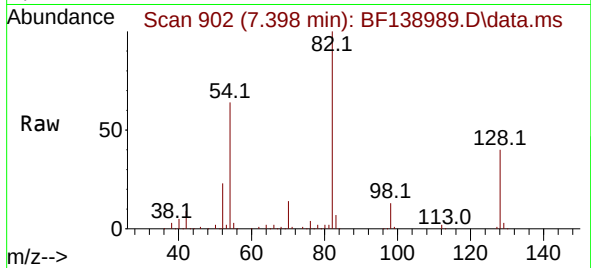




#25
Isophorone
Concen: 46.967 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF138989.D
Acq: 14 Aug 2024 12:32

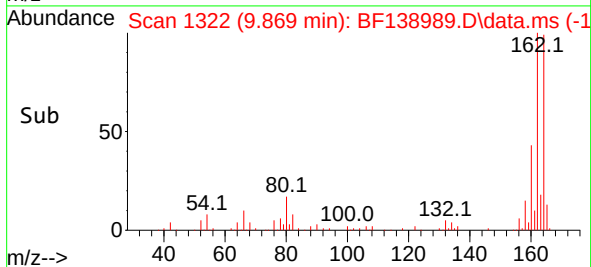
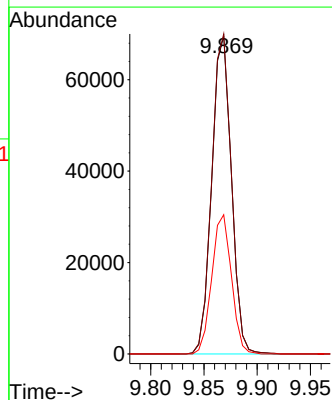
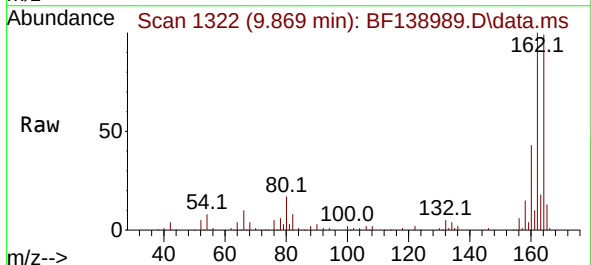
Instrument :
BNA_F
ClientSampleId :
PB162577BL

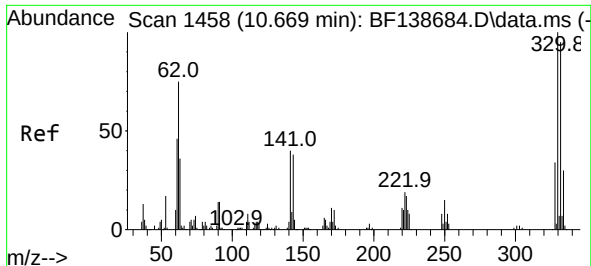
Tgt Ion: 82 Resp: 258665
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138989.D
Acq: 14 Aug 2024 12:32

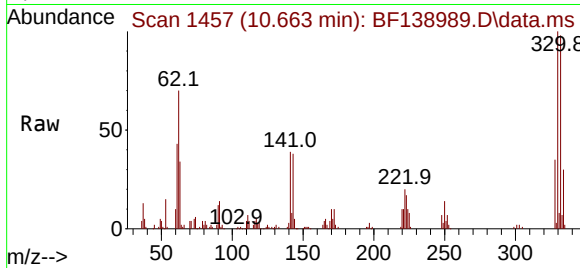
Tgt Ion:164 Resp: 89172
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.0
160 43.8 35.1 52.7



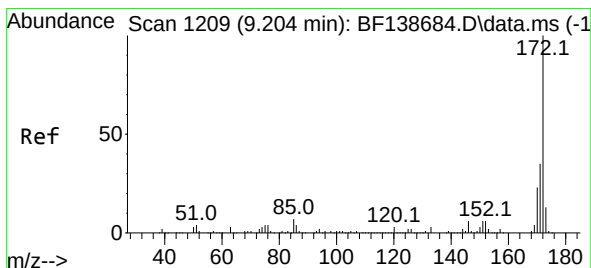
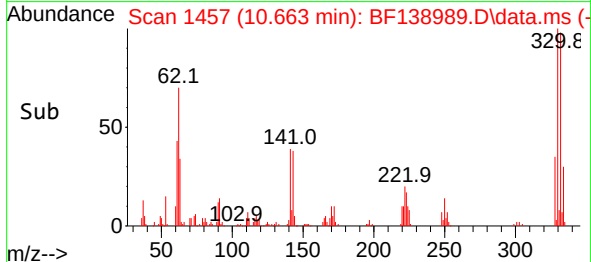
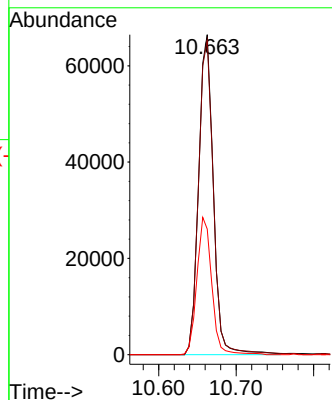


#42
2,4,6-Tribromophenol
Concen: 120.020 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138989.D
Acq: 14 Aug 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB162577BL

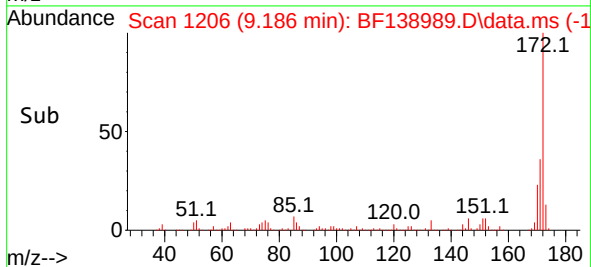
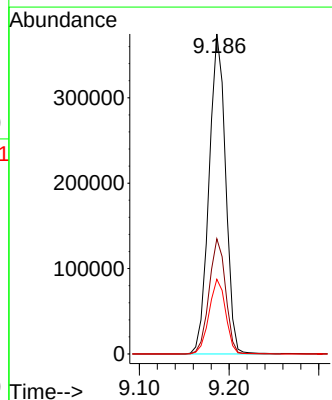
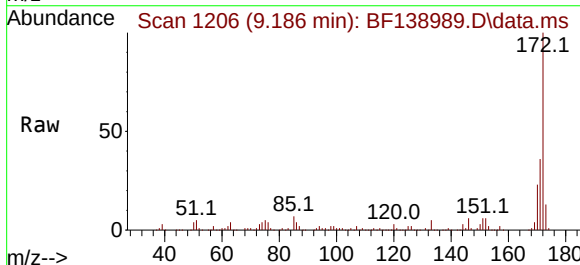


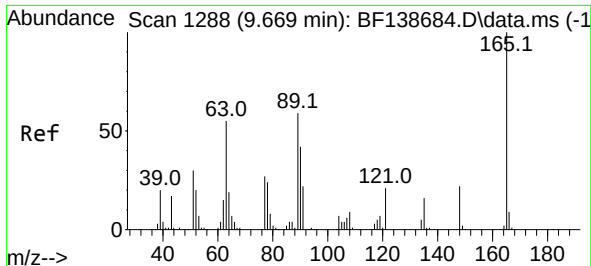
Tgt Ion:330 Resp: 87667
Ion Ratio Lower Upper
330 100
332 99.6 76.4 114.6
141 43.3 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 80.844 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF138989.D
Acq: 14 Aug 2024 12:32

Tgt Ion:172 Resp: 479801
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.4 18.8 28.2

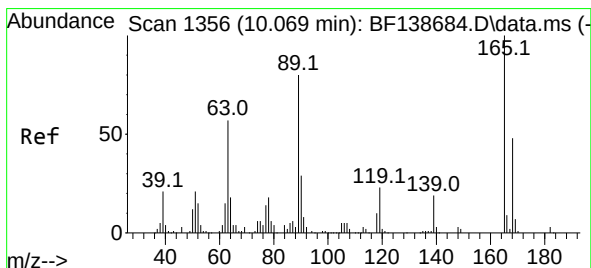
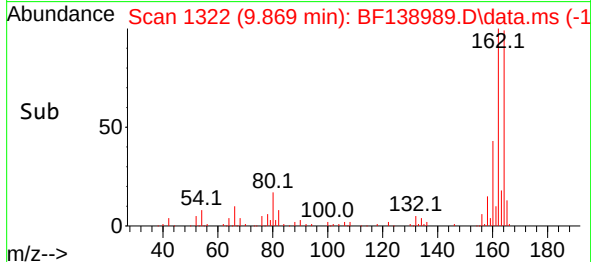
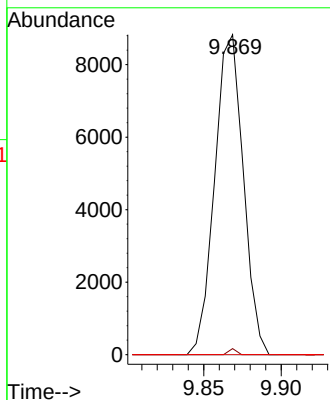
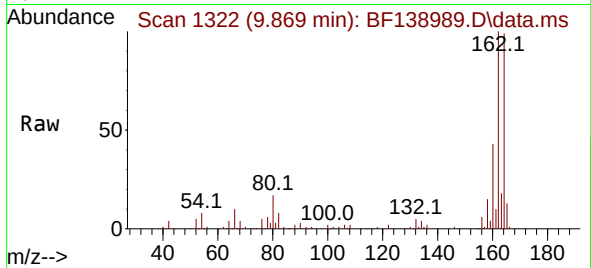




#51
2,6-Dinitrotoluene
Concen: 8.811 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138989.D
Acq: 14 Aug 2024 12:32

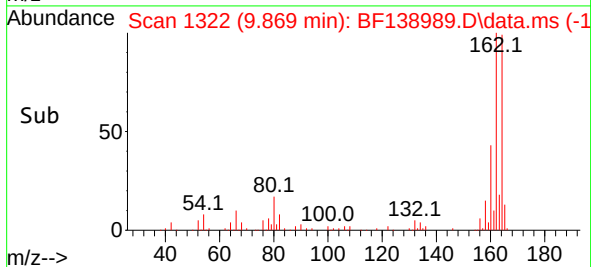
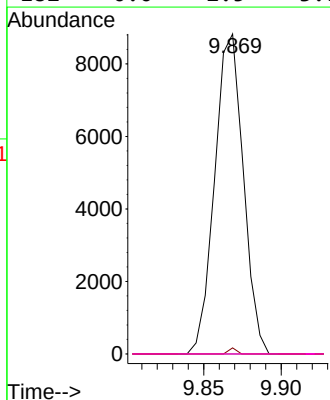
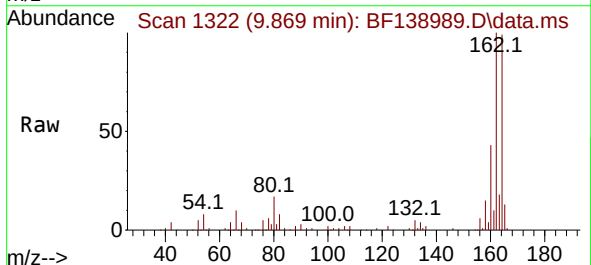
Instrument :
BNA_F
ClientSampleId :
PB162577BL

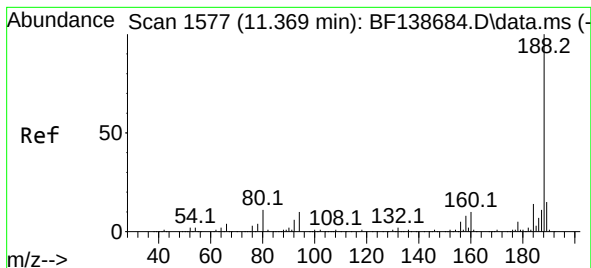
Tgt Ion:165 Resp: 11338
Ion Ratio Lower Upper
165 100
63 1.9 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.906 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138989.D
Acq: 14 Aug 2024 12:32

Tgt Ion:165 Resp: 11338
Ion Ratio Lower Upper
165 100
63 1.9 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: BF138989.D

Acq: 14 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB162577BL

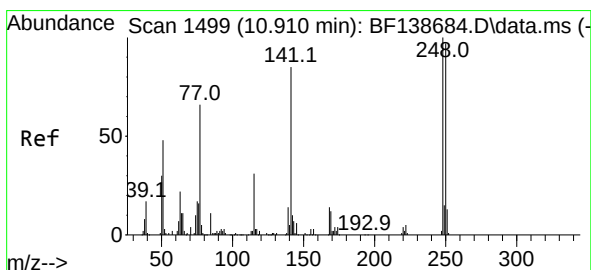
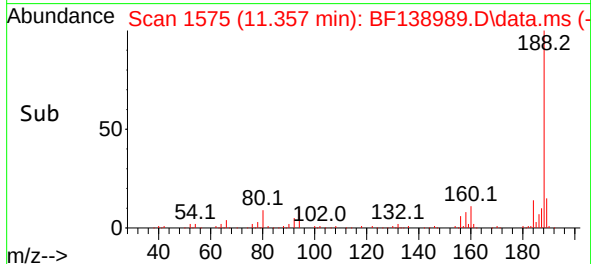
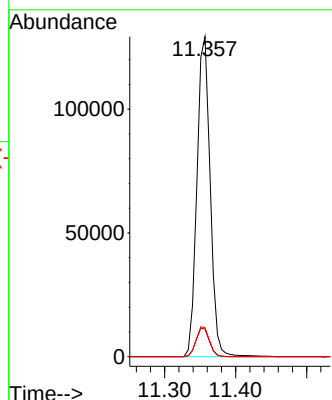
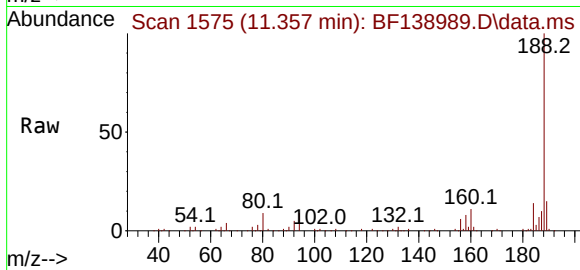
Tgt Ion:188 Resp: 168032

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.1 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.577 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138989.D

Acq: 14 Aug 2024 12:32

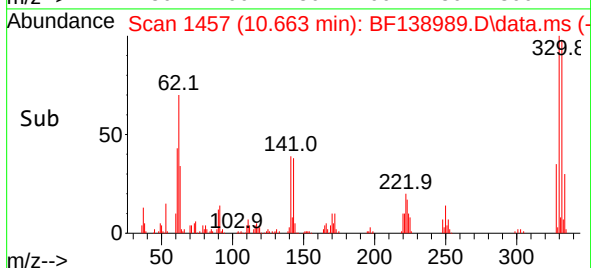
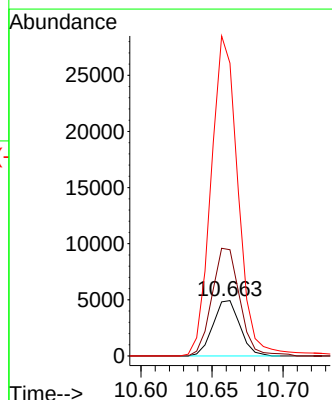
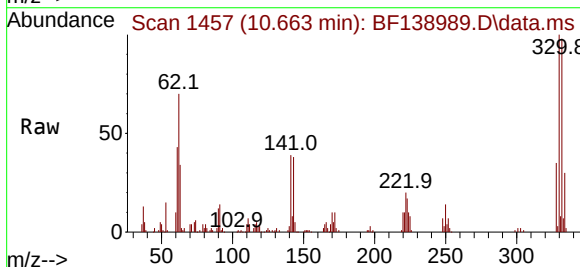
Tgt Ion:248 Resp: 6507

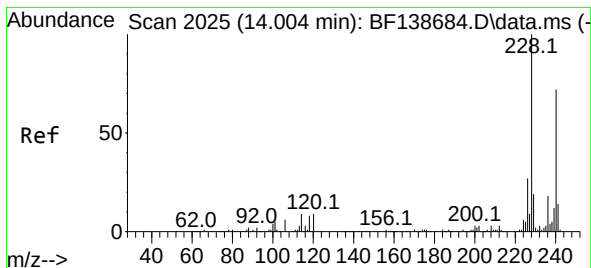
Ion Ratio Lower Upper

248 100

250 191.8 77.7 116.5#

141 528.5 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: BF138989.D

Acq: 14 Aug 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB162577BL

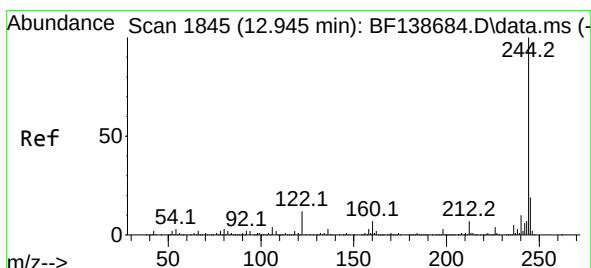
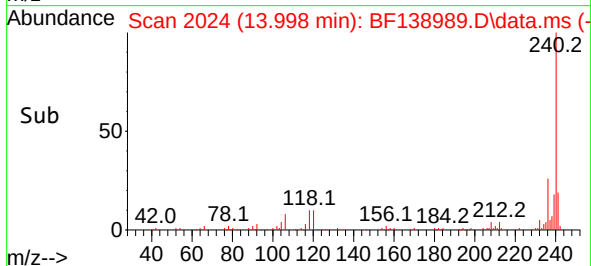
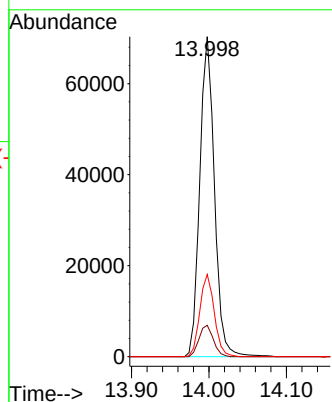
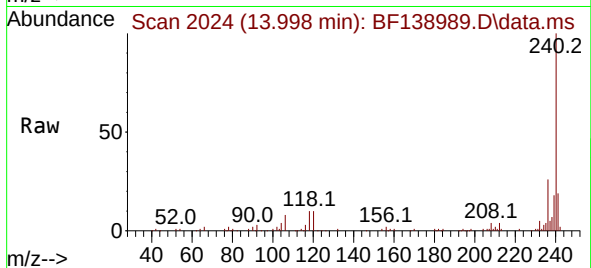
Tgt Ion:240 Resp: 92406

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.4#

236 25.7 19.8 29.8



#79

Terphenyl-d14

Concen: 100.721 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138989.D

Acq: 14 Aug 2024 12:32

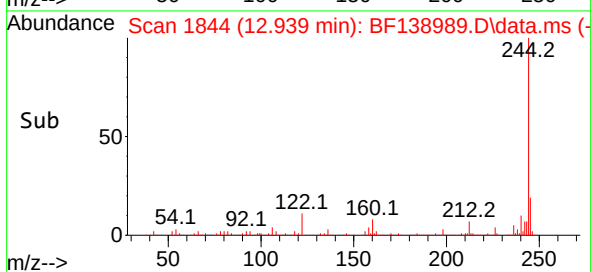
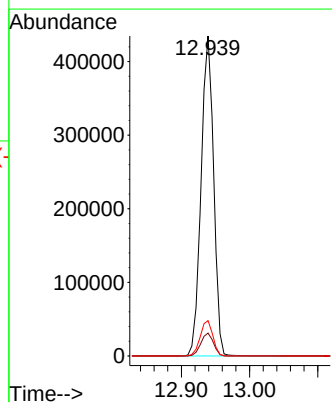
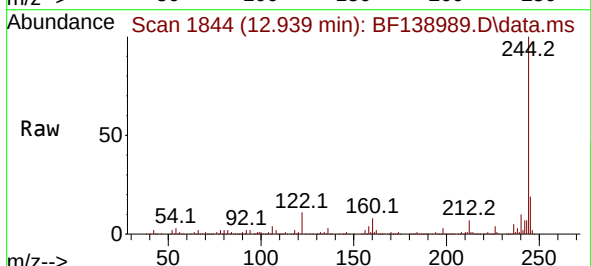
Tgt Ion:244 Resp: 555897

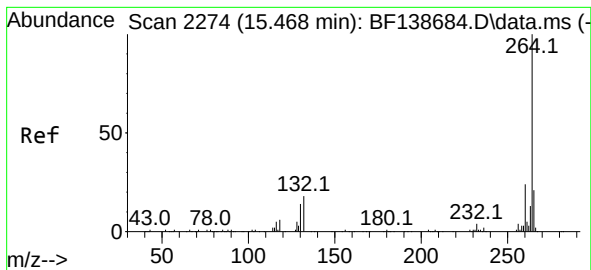
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

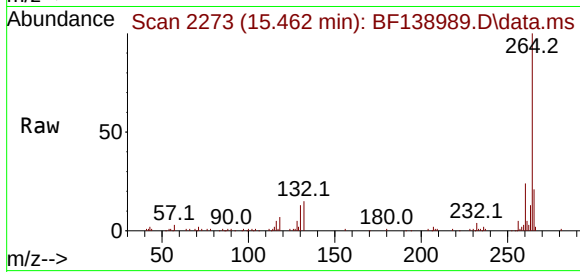
122 11.0 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138989.D
Acq: 14 Aug 2024 12:32

Instrument :
BNA_F
ClientSampleId :
PB162577BL



Tgt Ion:264 Resp: 75422

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	21.0	17.0	25.6

