

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072224\
 Data File : BF138603.D
 Acq On : 22 Jul 2024 12:40
 Operator : RC/JU
 Sample : PB162093TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162093TB

Quant Time: Jul 22 13:07:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

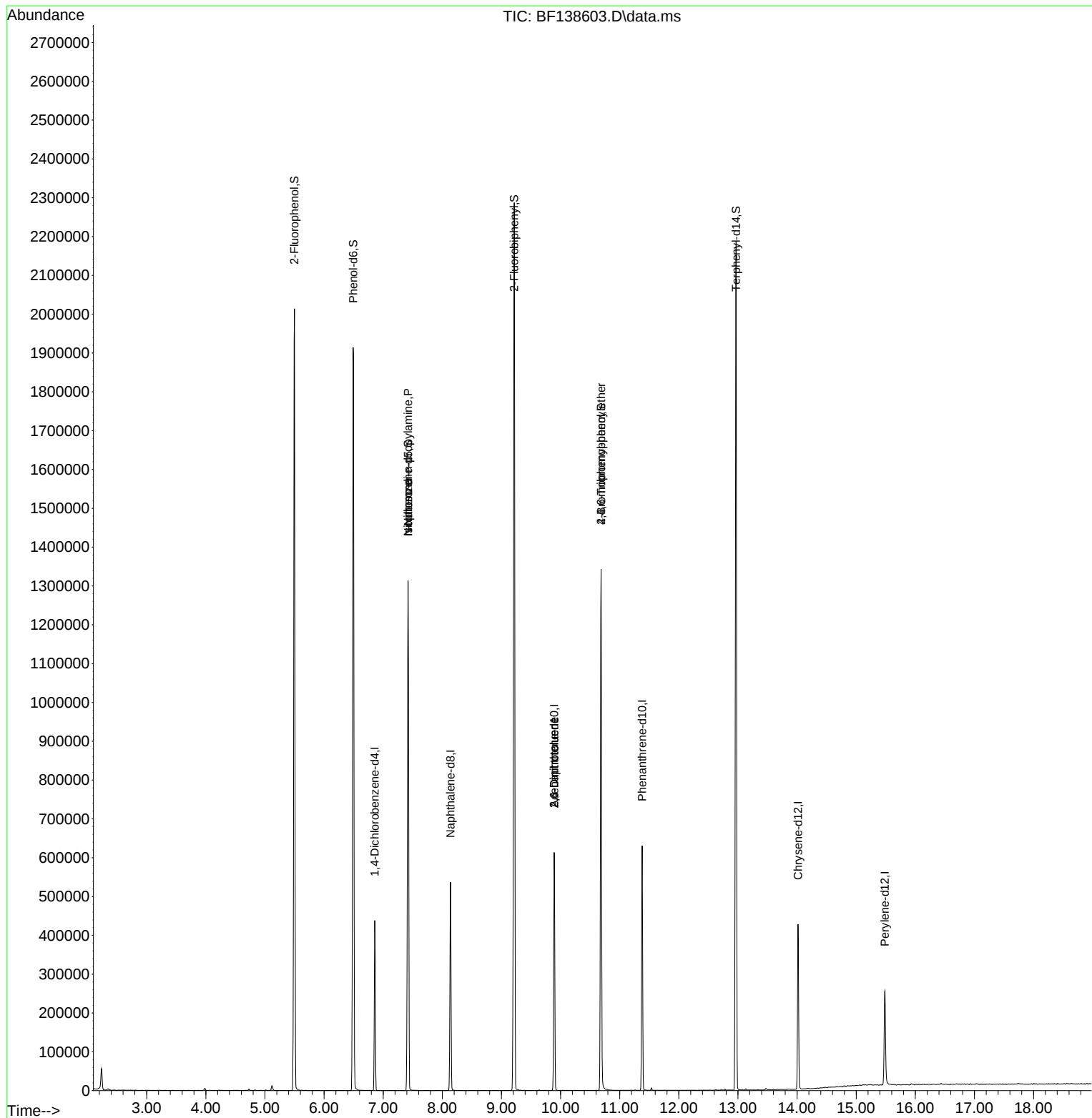
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	83332	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	332437	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	182766	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	312141	20.000	ng	0.00
76) Chrysene-d12	14.015	240	193398	20.000	ng	-0.01
86) Perylene-d12	15.486	264	155993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	701589	133.340	ng	0.00
7) Phenol-d6	6.492	99	935328	133.626	ng	-0.01
23) Nitrobenzene-d5	7.422	82	617563	91.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	215335	126.065	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1028709	87.969	ng	-0.01
79) Terphenyl-d14	12.969	244	1089644	91.788	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	83197	19.236	ng	# 73
25) Isophorone	7.422	82	615209	52.909	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	23097	8.488	ng	# 24
57) 2,4-Dinitrotoluene	9.892	165	23097	6.560	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	13935	4.344	ng	# 1

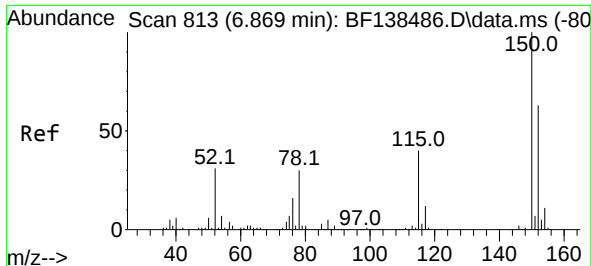
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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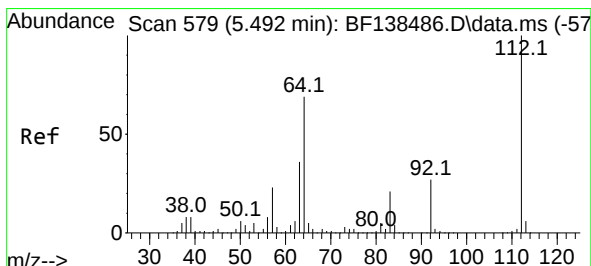
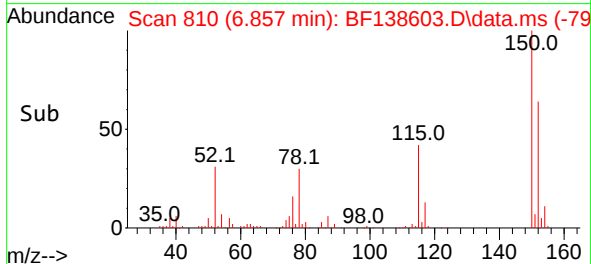
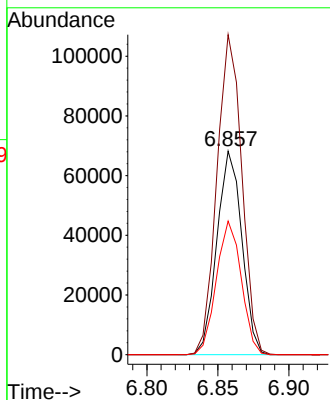
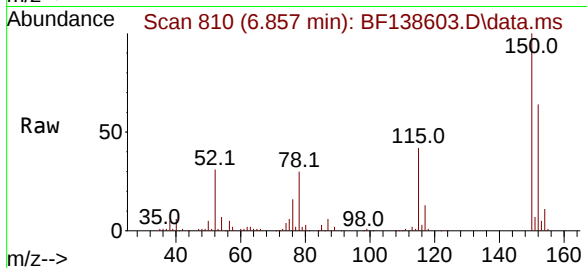




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

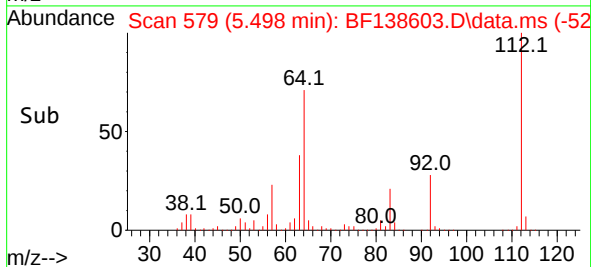
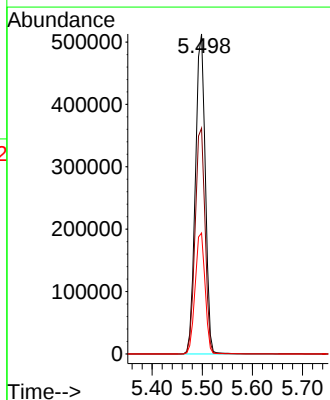
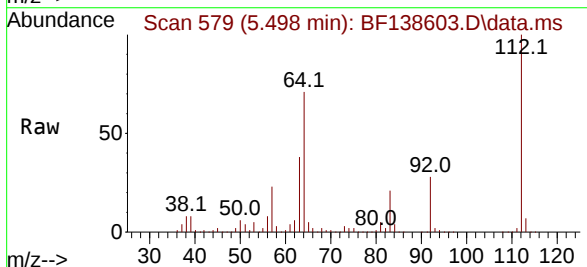
Instrument :
BNA_F
ClientSampleId :
PB162093TB

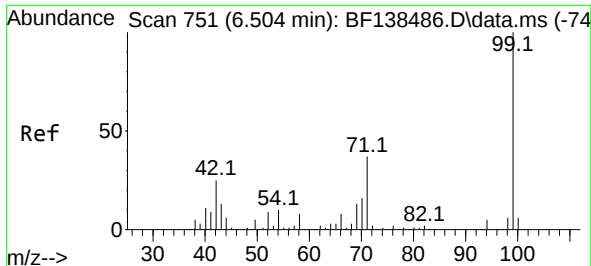
Tgt Ion:152 Resp: 83332
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.4
115 65.6 50.3 75.5



#5
2-Fluorophenol
Concen: 133.340 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

Tgt Ion:112 Resp: 701589
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 37.8 29.0 43.6

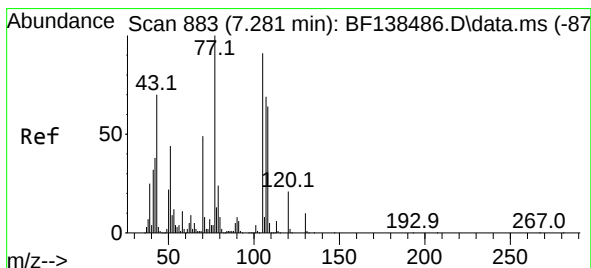
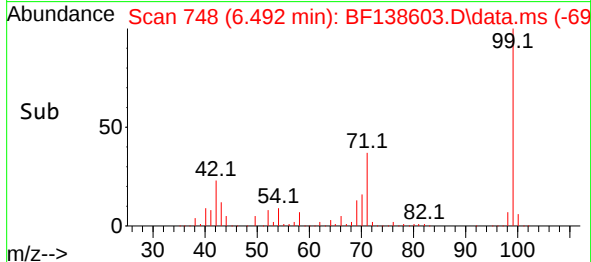
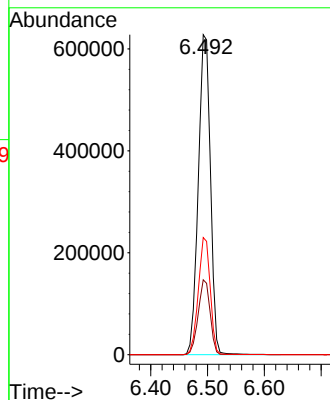
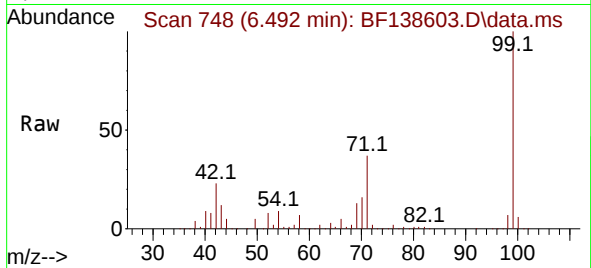




#7
Phenol-d6
Concen: 133.626 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

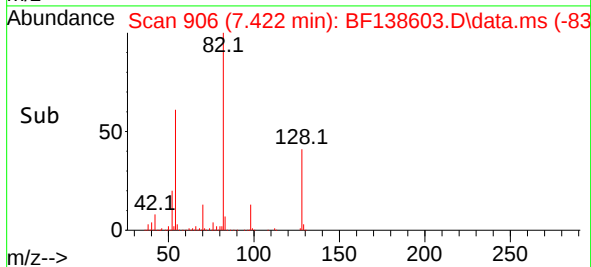
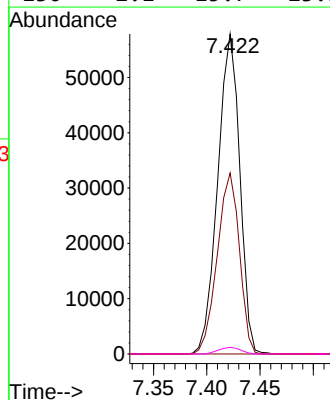
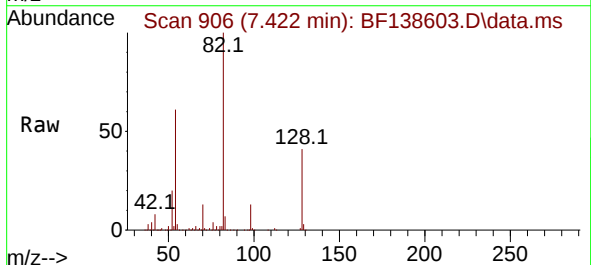
Instrument :
BNA_F
ClientSampleId :
PB162093TB

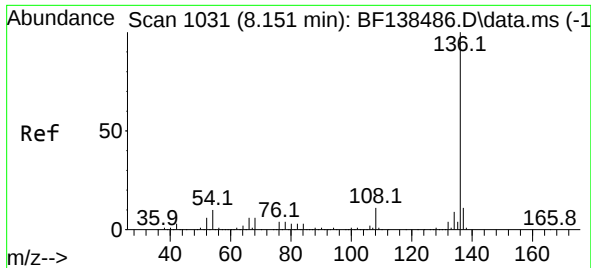
Tgt Ion: 99 Resp: 935328
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 36.6 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.236 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

Tgt Ion: 70 Resp: 83197
Ion Ratio Lower Upper
70 100
42 56.6 62.4 93.6#
101 0.0 7.2 10.8#
130 2.1 15.7 23.5#



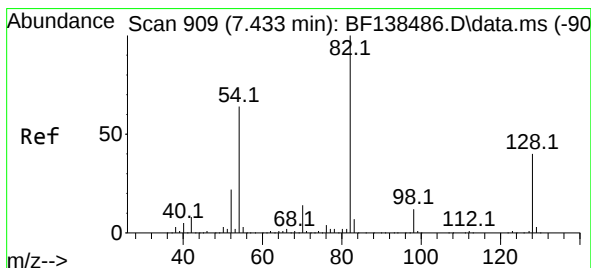
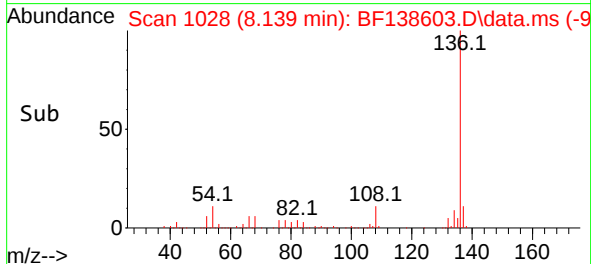
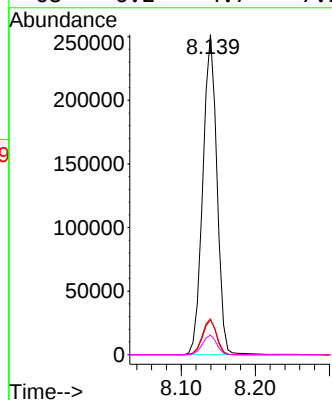
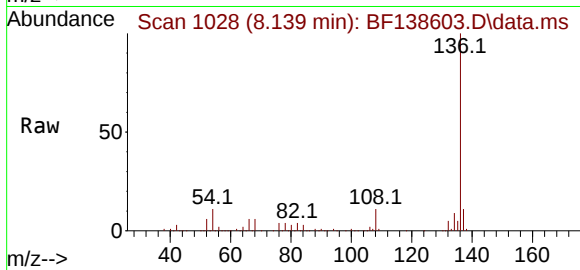


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

Instrument :
BNA_F
ClientSampleId :
PB162093TB

Tgt Ion:136 Resp: 332437

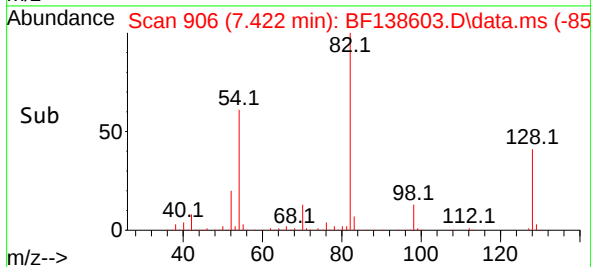
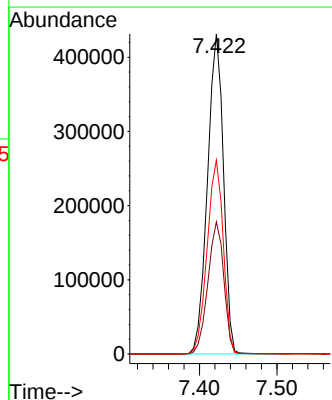
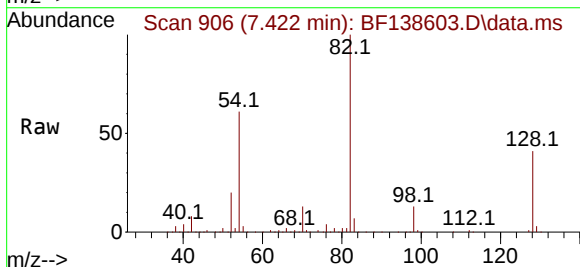
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.2	8.1	12.1
68	6.2	4.7	7.1

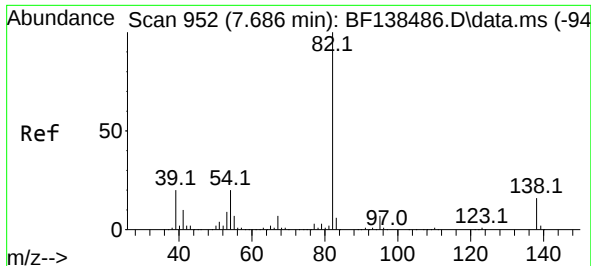


#23
Nitrobenzene-d5
Concen: 91.208 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

Tgt Ion: 82 Resp: 617563

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.3	48.5
54	60.6	51.4	77.0

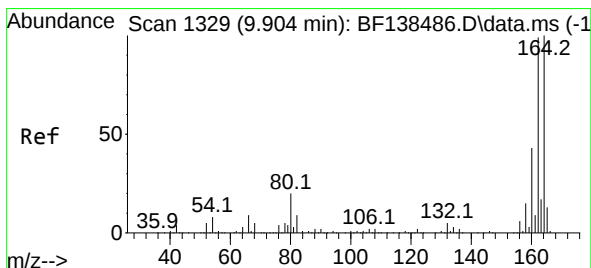
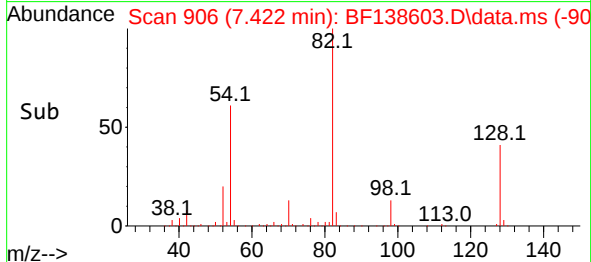
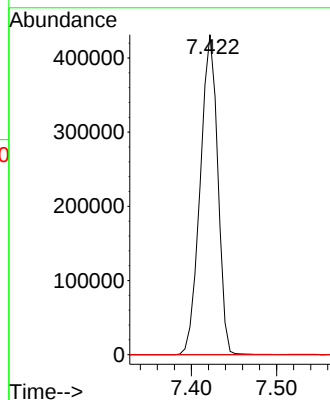
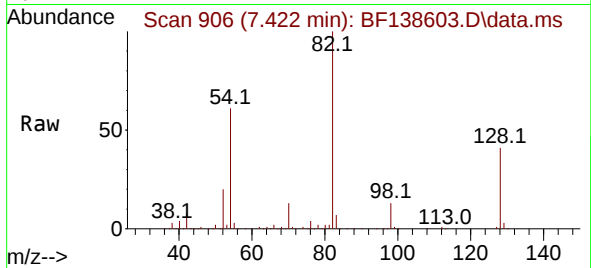




#25
Isophorone
Concen: 52.909 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

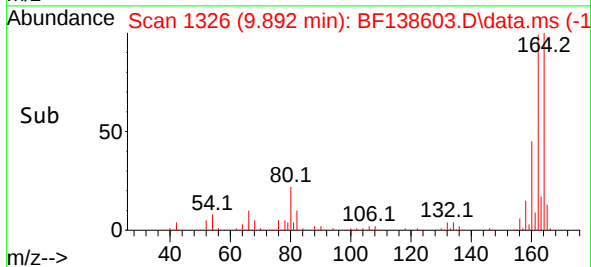
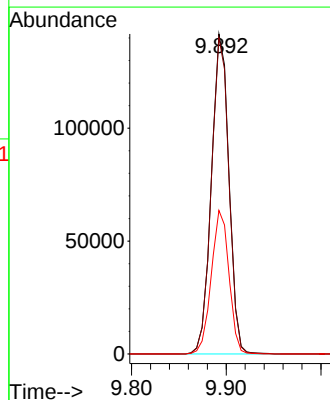
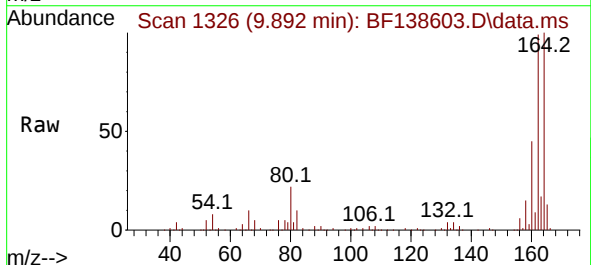
Instrument :
BNA_F
ClientSampleId :
PB162093TB

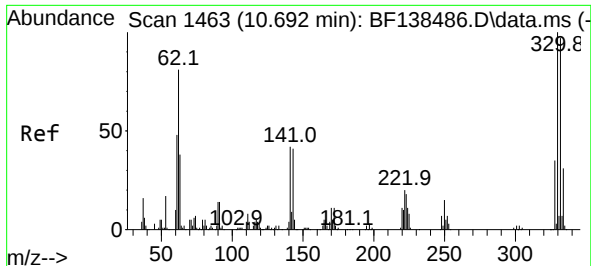
Tgt Ion: 82 Resp: 615209
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

Tgt Ion: 164 Resp: 182766
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.6
160 44.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 126.065 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF138603.D

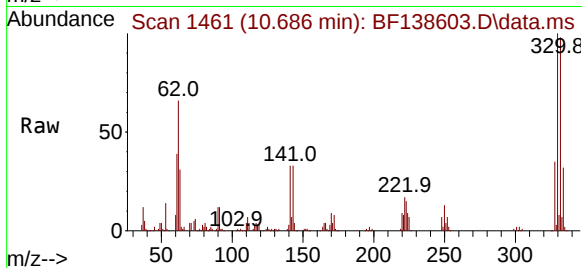
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Instrument :

BNA_F

ClientSampleId :

PB162093TB



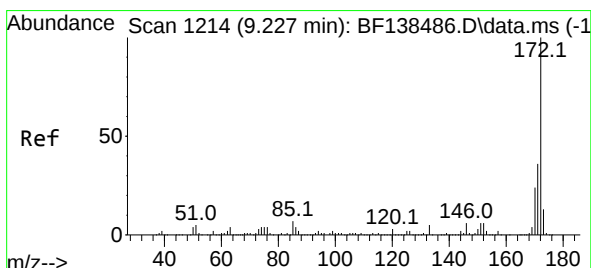
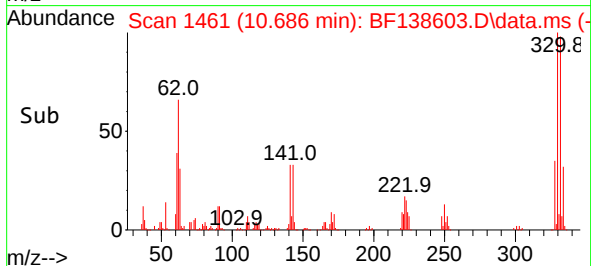
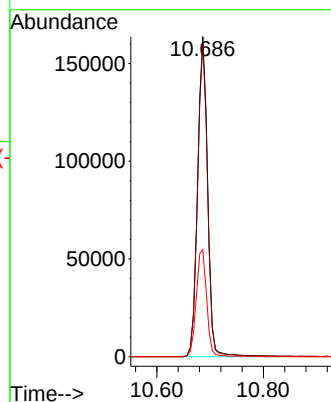
Tgt Ion:330 Resp: 215335

Ion Ratio Lower Upper

330 100

332 97.8 76.8 115.2

141 34.8 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 87.969 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF138603.D

Acq: 22 Jul 2024 12:40

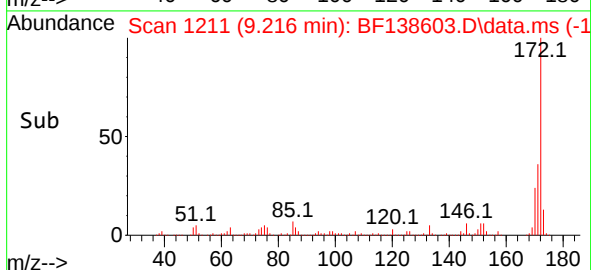
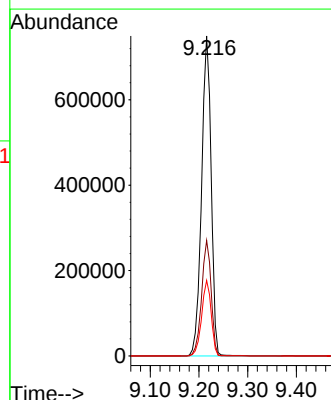
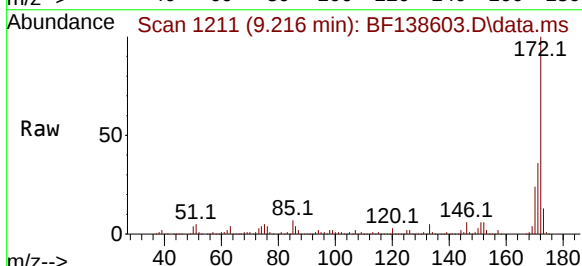
Tgt Ion:172 Resp: 1028709

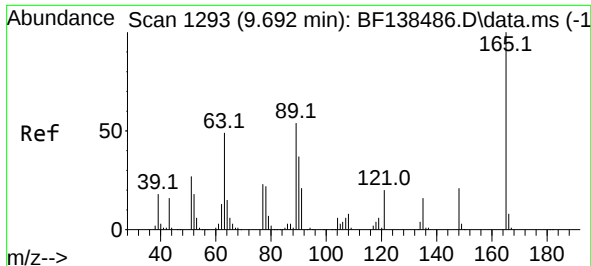
Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

170 23.6 18.9 28.3

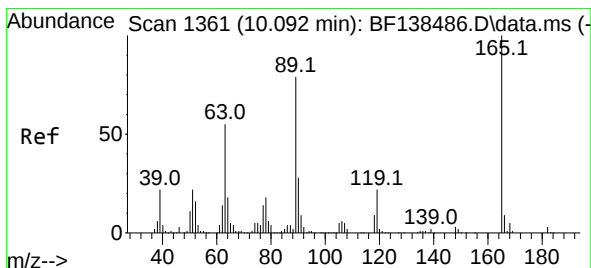
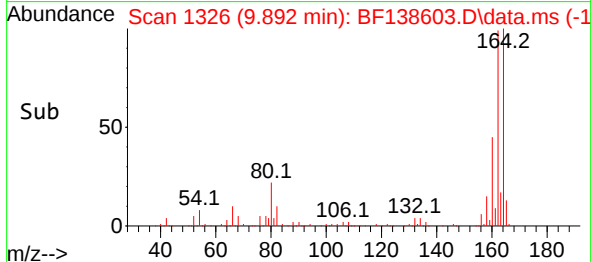
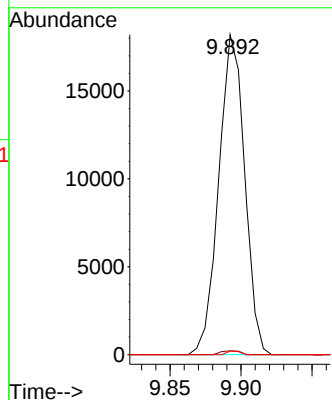
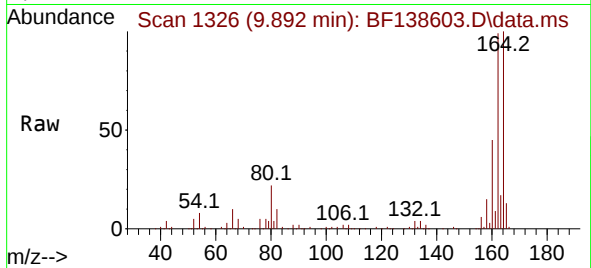




#51
2,6-Dinitrotoluene
Concen: 8.488 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

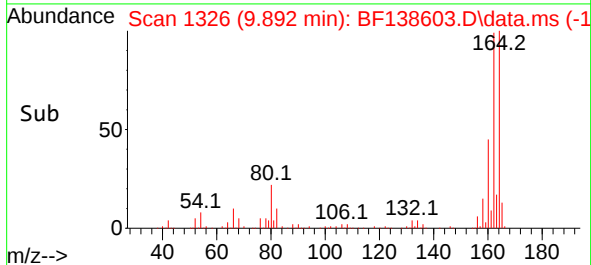
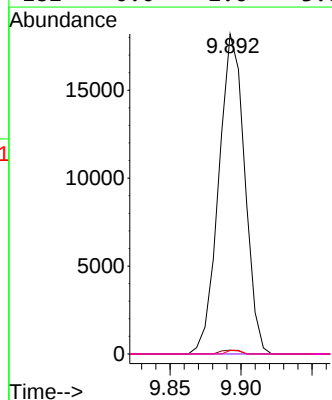
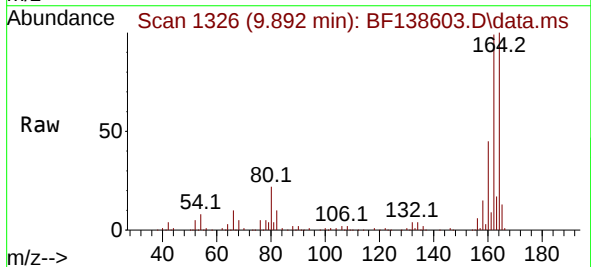
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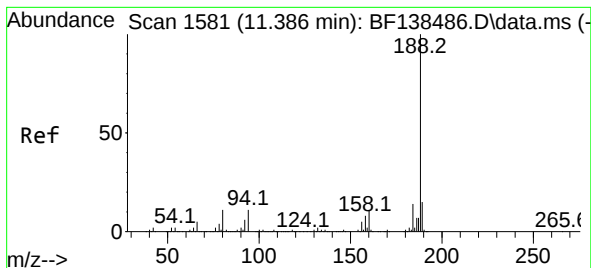
Tgt Ion:165 Resp: 23097
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.1 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.560 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

Tgt Ion:165 Resp: 23097
Ion Ratio Lower Upper
165 100
63 1.2 44.6 66.8#
89 1.1 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138603.D

Acq: 22 Jul 2024 12:40

Instrument :

BNA_F

ClientSampleId :

PB162093TB

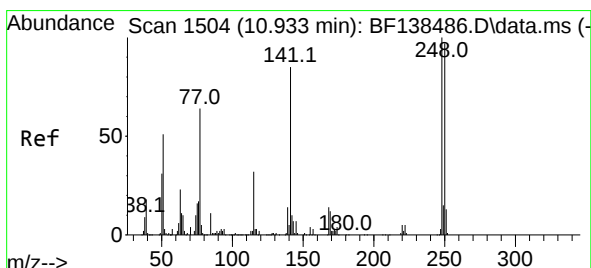
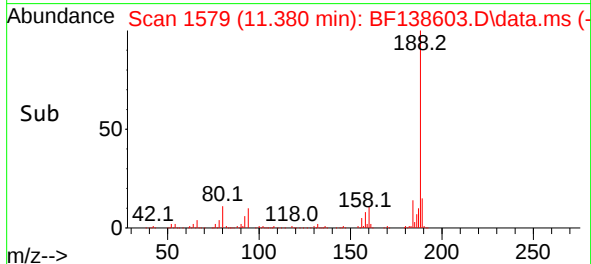
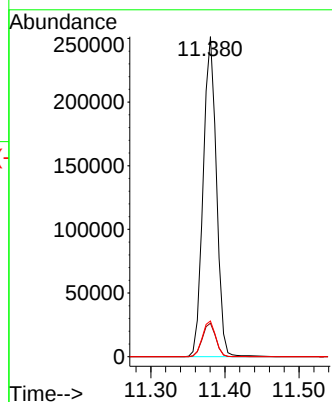
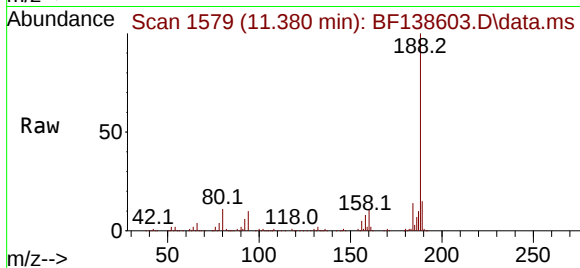
Tgt Ion:188 Resp: 312141

Ion Ratio Lower Upper

188 100

94 10.5 8.7 13.1

80 11.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.344 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF138603.D

Acq: 22 Jul 2024 12:40

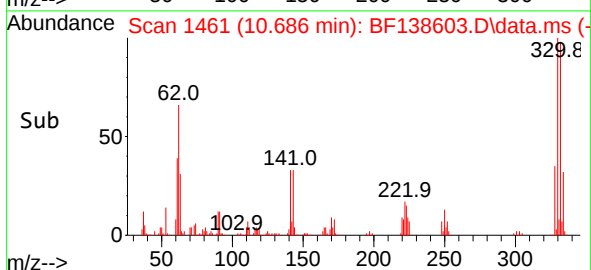
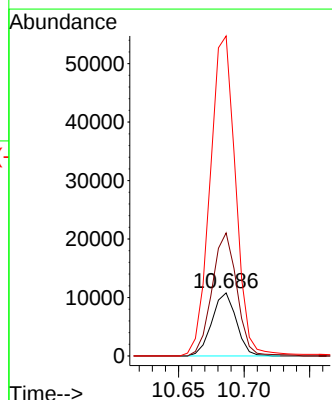
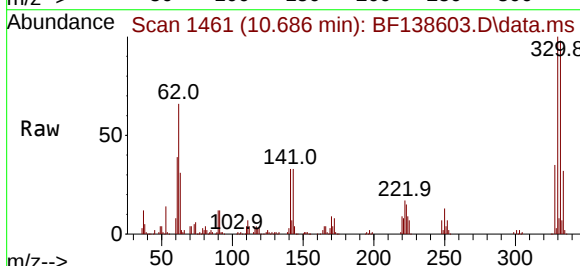
Tgt Ion:248 Resp: 13935

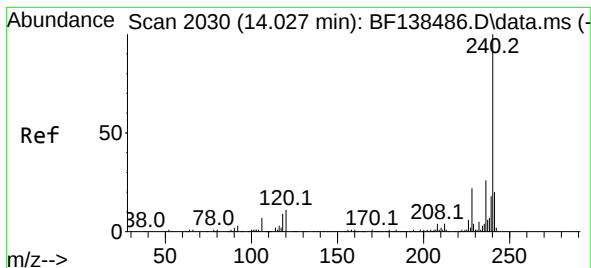
Ion Ratio Lower Upper

248 100

250 195.4 77.9 116.9#

141 508.0 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF138603.D

Acq: 22 Jul 2024 12:40

Instrument :

BNA_F

ClientSampleId :

PB162093TB

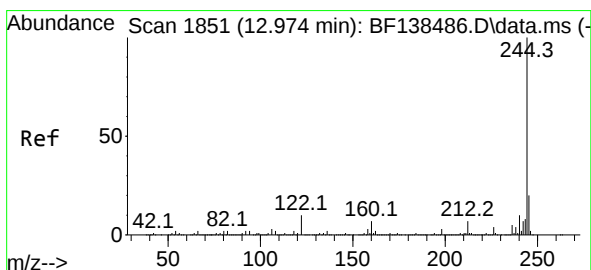
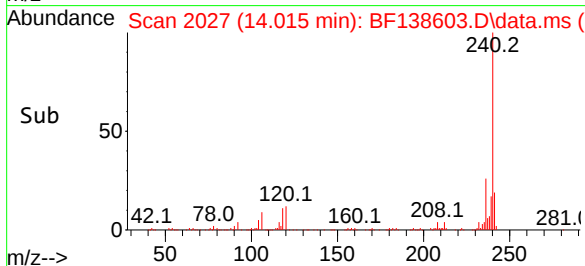
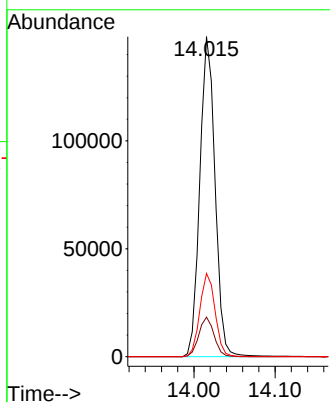
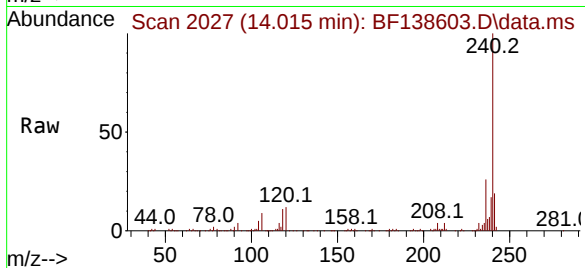
Tgt Ion:240 Resp: 193398

Ion Ratio Lower Upper

240 100

120 12.4 8.6 12.8

236 26.0 21.0 31.6



#79

Terphenyl-d14

Concen: 91.788 ng

RT: 12.969 min Scan# 1849

Delta R.T. -0.006 min

Lab File: BF138603.D

Acq: 22 Jul 2024 12:40

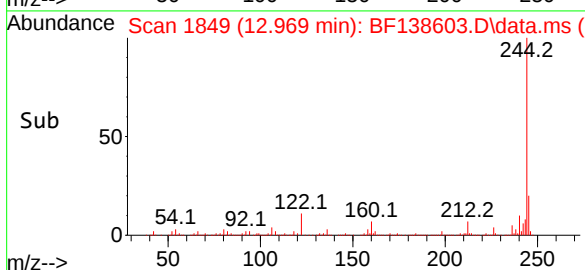
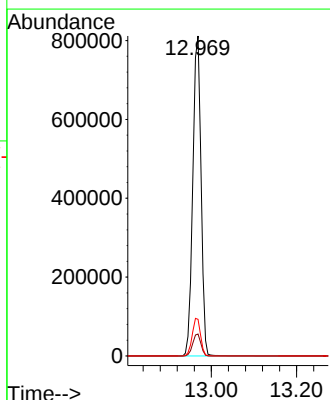
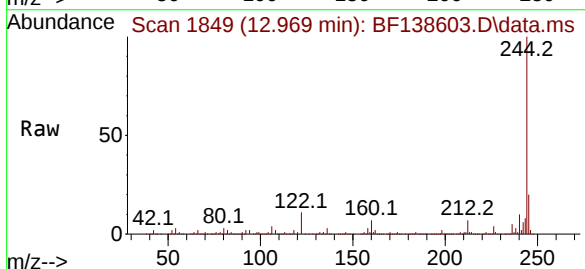
Tgt Ion:244 Resp: 1089644

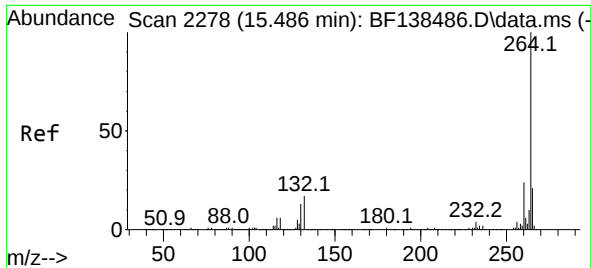
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 11.4 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138603.D
Acq: 22 Jul 2024 12:40

Instrument :
BNA_F
ClientSampleId :
PB162093TB

Tgt Ion:264 Resp: 155993

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	21.3	17.0	25.4

