

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072224\
 Data File : BF138605.D
 Acq On : 22 Jul 2024 13:40
 Operator : RC/JU
 Sample : PB162075TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162075TB

Quant Time: Jul 22 14:12:16 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)

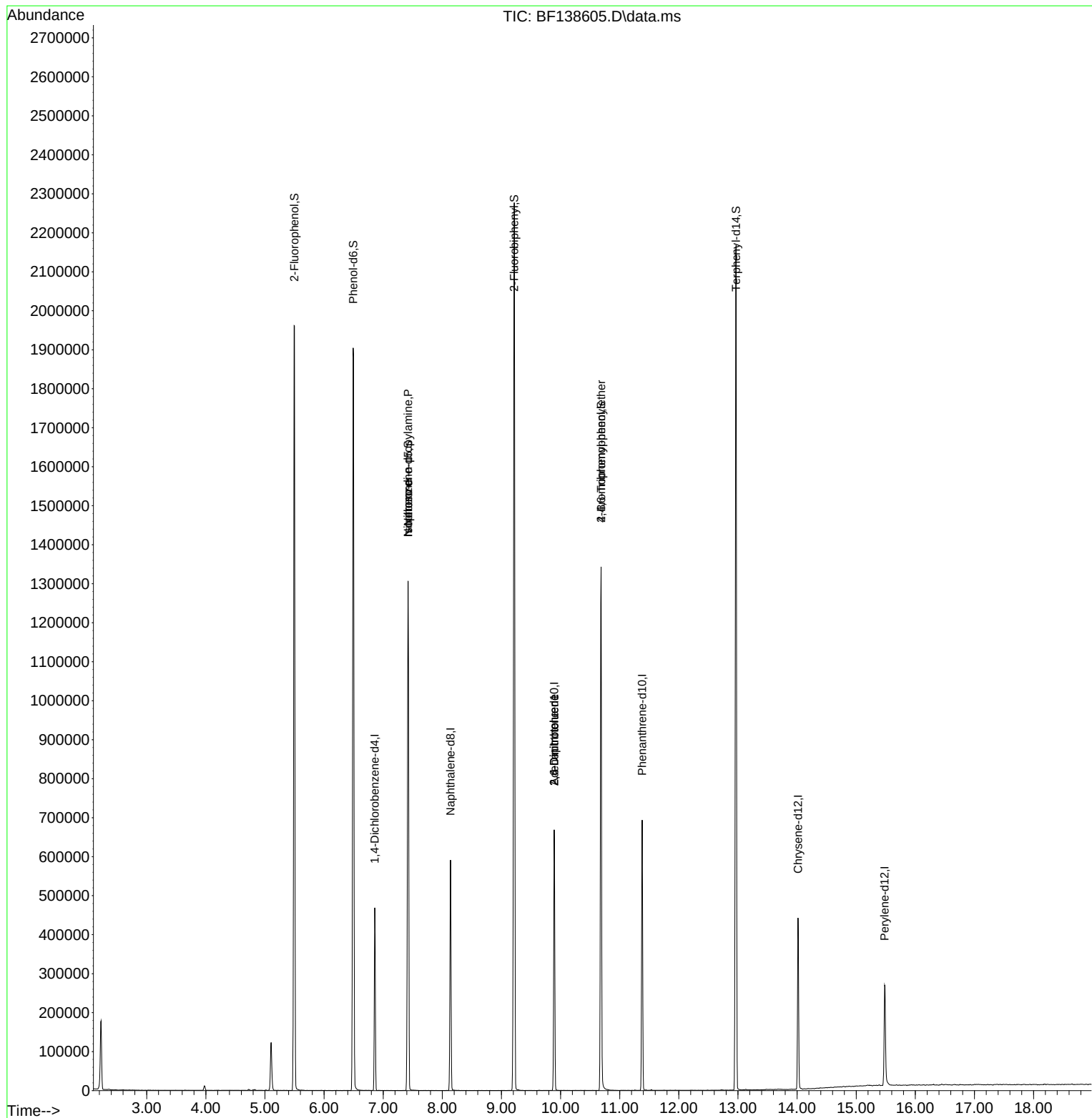
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	88170	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	365083	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	194870	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	348569	20.000	ng	0.00
76) Chrysene-d12	14.015	240	201605	20.000	ng	-0.01
86) Perylene-d12	15.480	264	164441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	701800	126.061	ng	0.00
7) Phenol-d6	6.492	99	934240	126.147	ng	-0.01
23) Nitrobenzene-d5	7.422	82	612804	82.412	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	220891	121.285	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1016642	81.537	ng	-0.01
79) Terphenyl-d14	12.968	244	1089400	88.032	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.422	70	83752	18.302	ng	# 72
25) Isophorone	7.422	82	610145	47.781	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	24976	8.609	ng	# 24
57) 2,4-Dinitrotoluene	9.892	165	24976	6.653	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	14026	3.915	ng	# 1

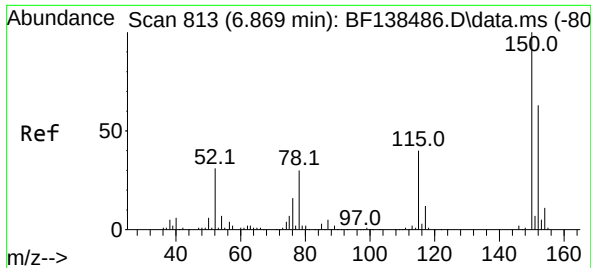
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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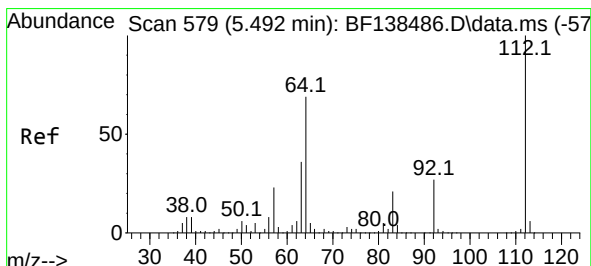
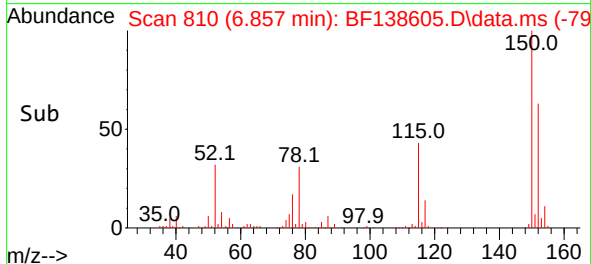
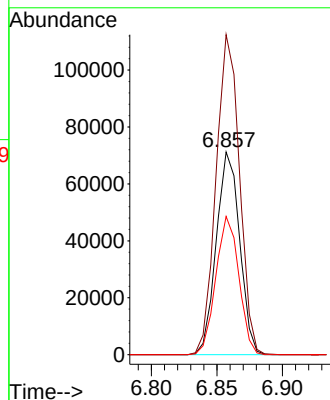
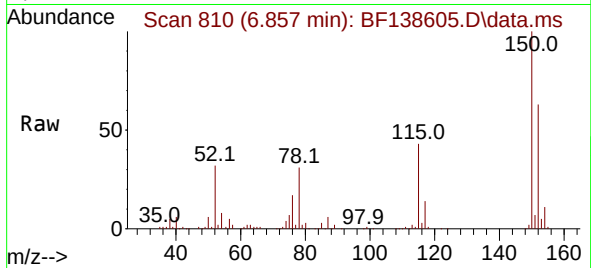




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

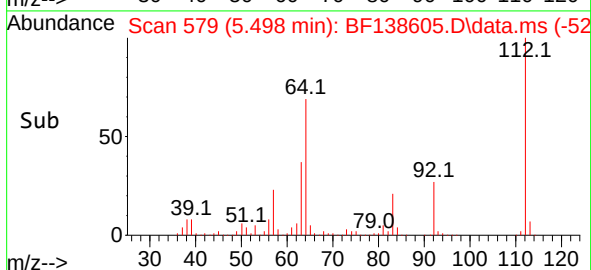
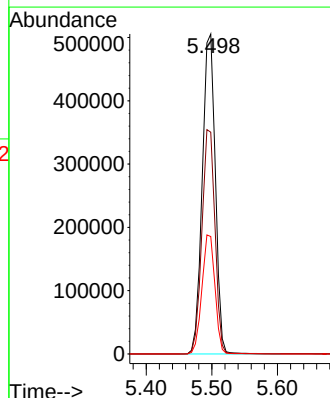
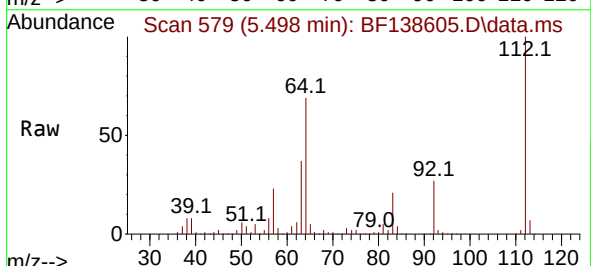
Instrument :
BNA_F
ClientSampleId :
PB162075TB

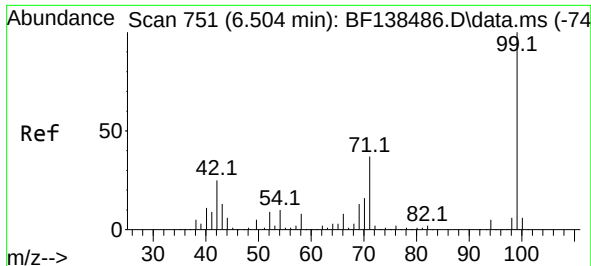
Tgt Ion:152 Resp: 88170
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.4
115 68.2 50.3 75.5



#5
2-Fluorophenol
Concen: 126.061 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

Tgt Ion:112 Resp: 701800
Ion Ratio Lower Upper
112 100
64 69.3 55.1 82.7
63 36.7 29.0 43.6

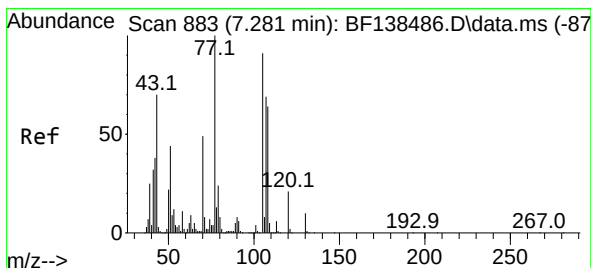
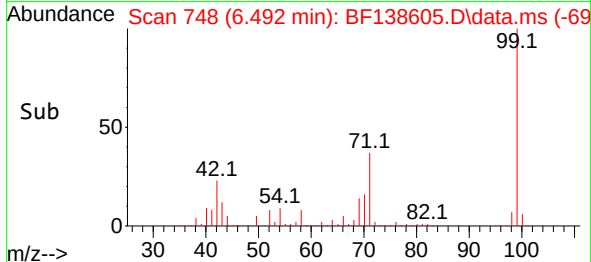
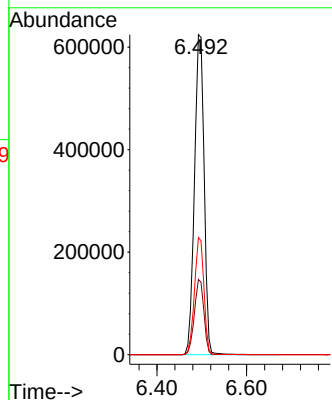
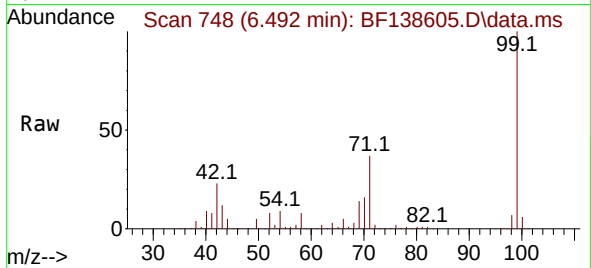




#7
Phenol-d6
Concen: 126.147 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

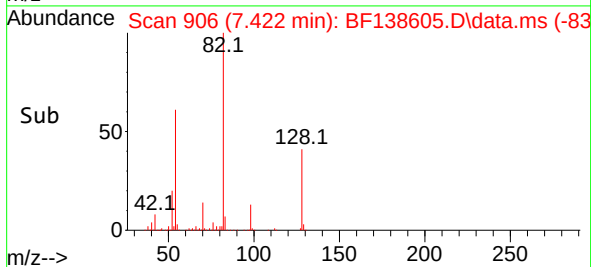
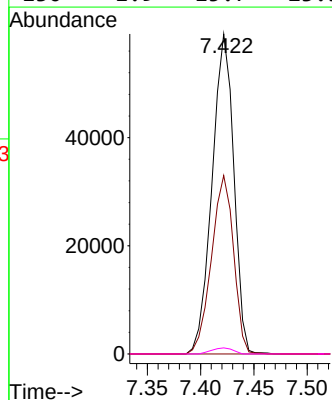
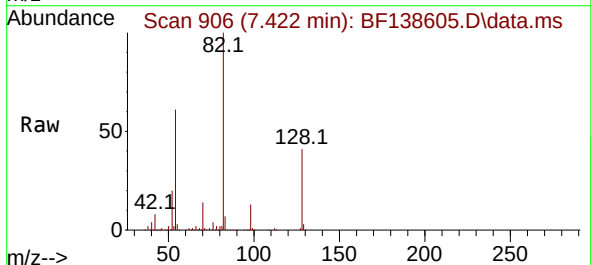
Instrument :
BNA_F
ClientSampleId :
PB162075TB

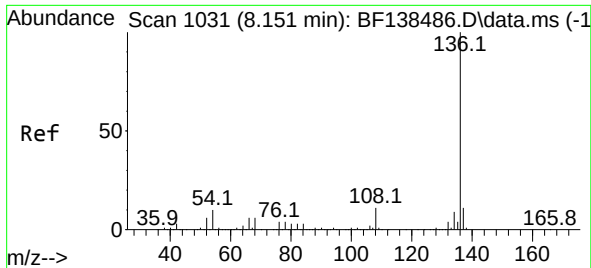
Tgt Ion: 99 Resp: 934240
Ion Ratio Lower Upper
99 100
42 23.5 19.7 29.5
71 36.6 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.302 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

Tgt Ion: 70 Resp: 83752
Ion Ratio Lower Upper
70 100
42 55.8 62.4 93.6#
101 0.0 7.2 10.8#
130 1.9 15.7 23.5#



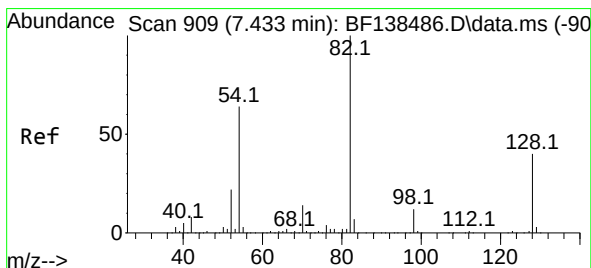
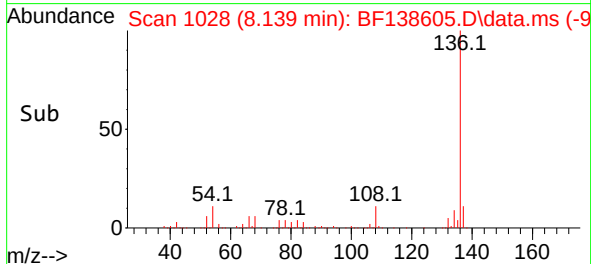
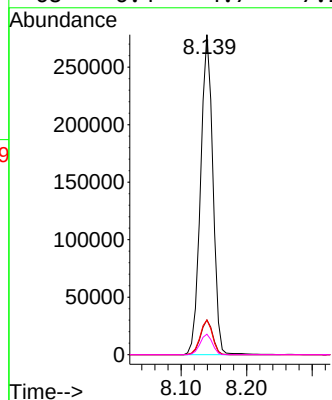
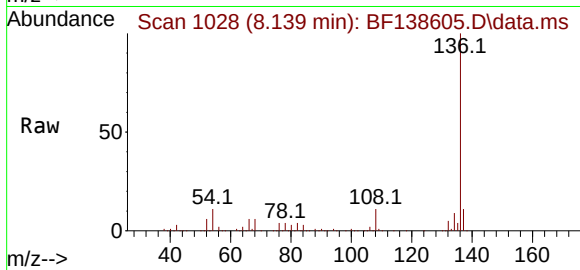


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

Instrument :
BNA_F
ClientSampleId :
PB162075TB

Tgt Ion:136 Resp: 365083

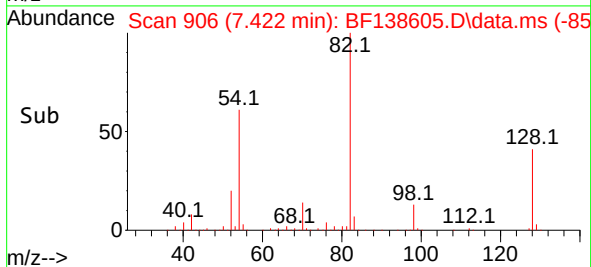
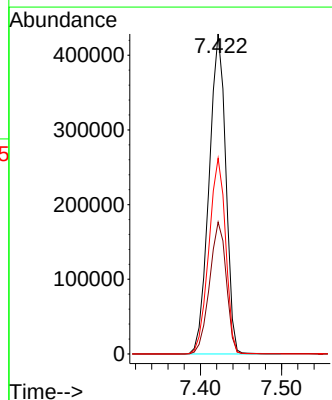
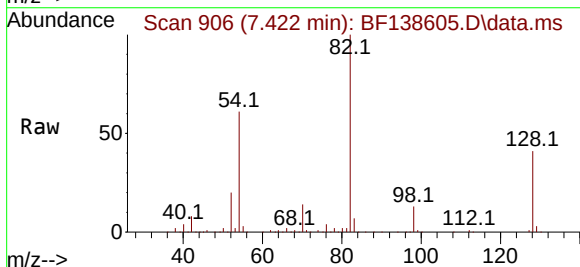
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.9	8.1	12.1
68	6.4	4.7	7.1

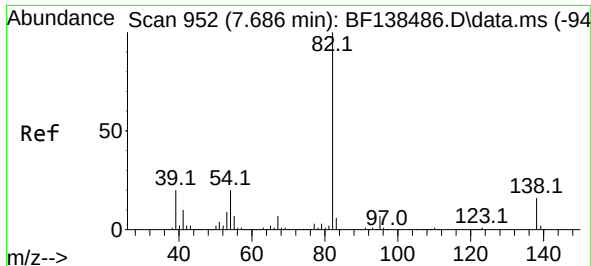


#23
Nitrobenzene-d5
Concen: 82.412 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

Tgt Ion: 82 Resp: 612804

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.3	48.5
54	61.1	51.4	77.0

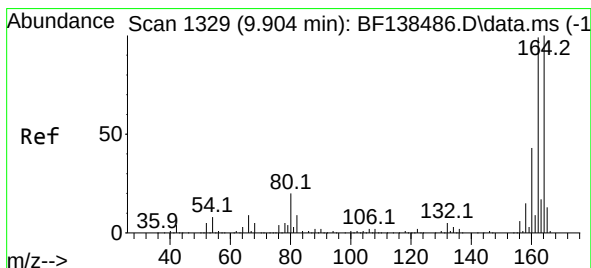
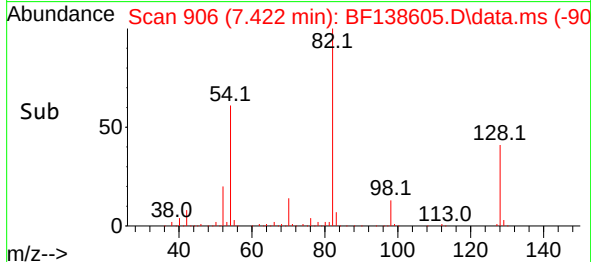
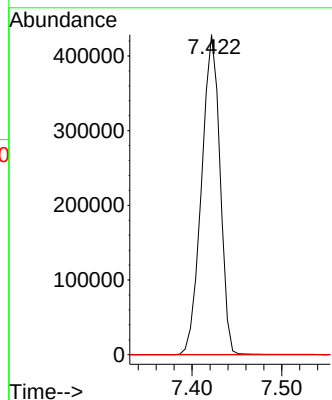
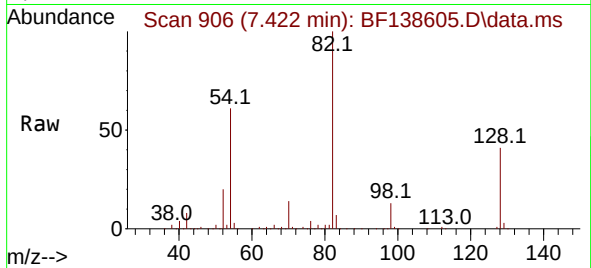




#25
Isophorone
Concen: 47.781 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

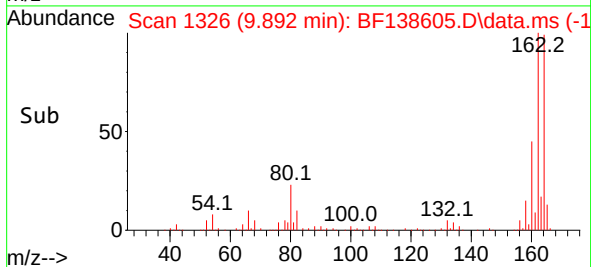
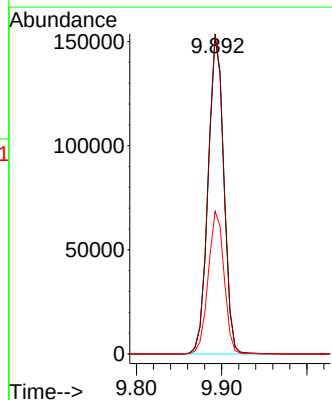
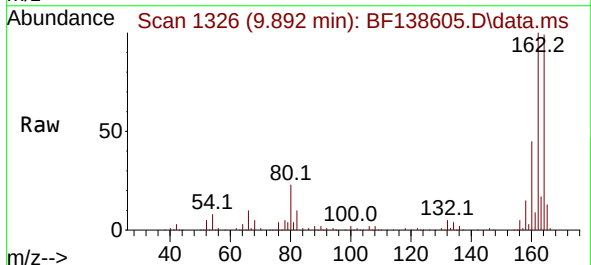
Instrument :
BNA_F
ClientSampleId :
PB162075TB

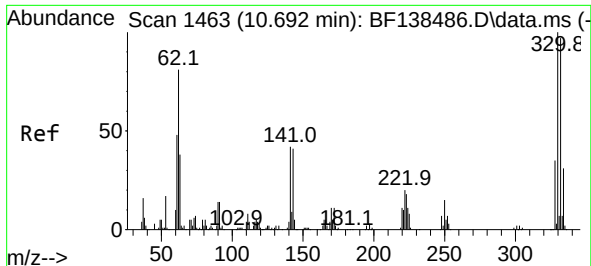
Tgt Ion: 82 Resp: 610145
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

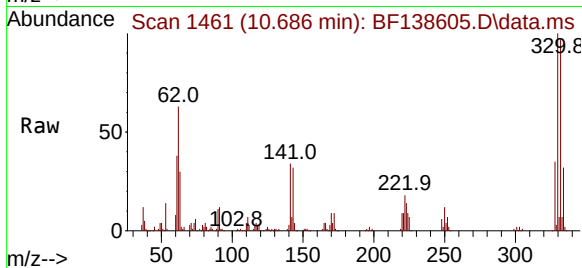
Tgt Ion: 164 Resp: 194870
Ion Ratio Lower Upper
164 100
162 100.9 79.0 118.6
160 45.0 34.4 51.6



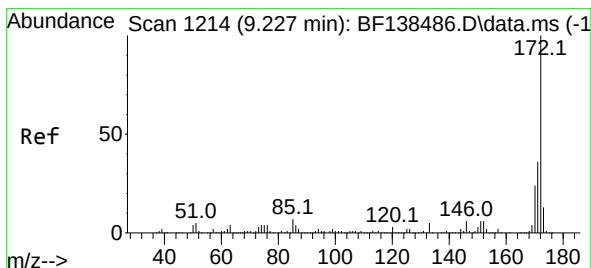
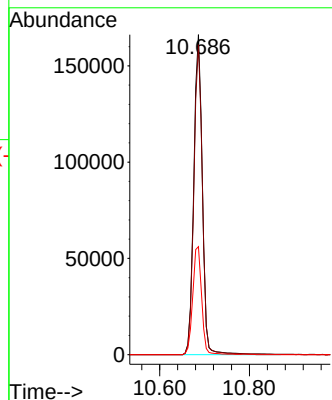
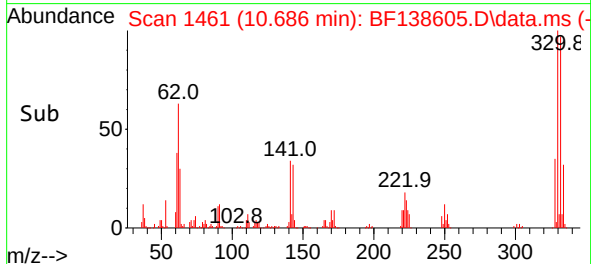


#42
2,4,6-Tribromophenol
Concen: 121.285 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

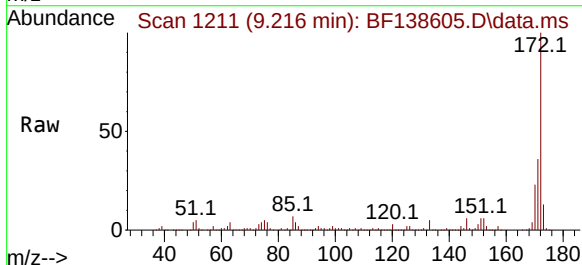
Instrument :
BNA_F
ClientSampleId :
PB162075TB



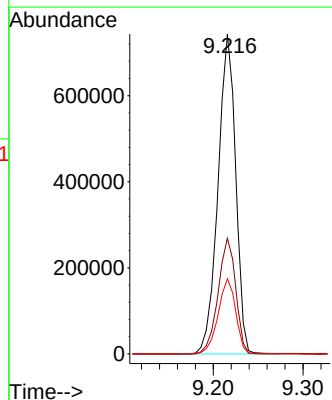
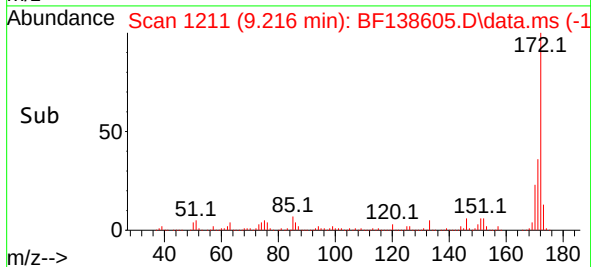
Tgt Ion:330 Resp: 220891
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 35.1 29.4 44.2

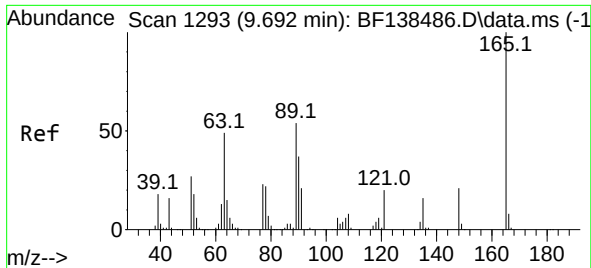


#45
2-Fluorobiphenyl
Concen: 81.537 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40



Tgt Ion:172 Resp: 1016642
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.5 18.9 28.3

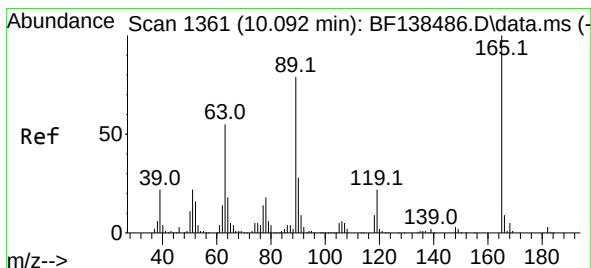
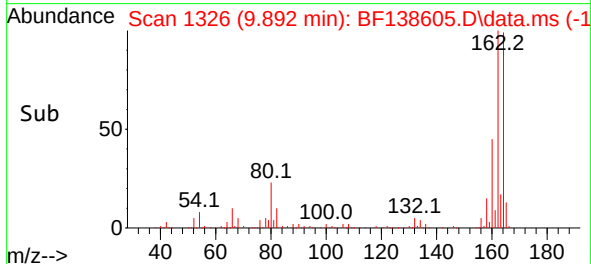
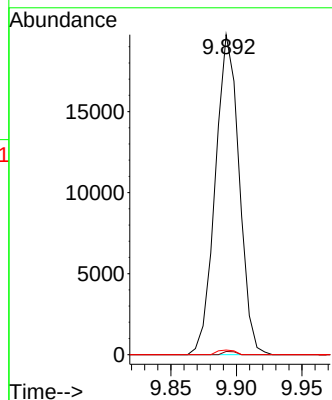
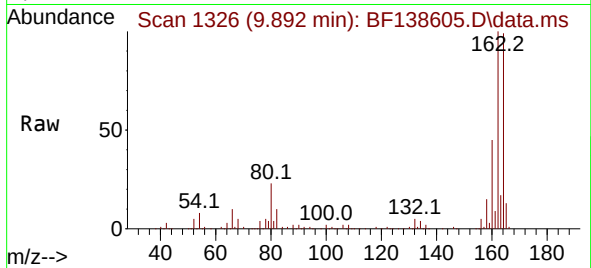




#51
2,6-Dinitrotoluene
Concen: 8.609 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

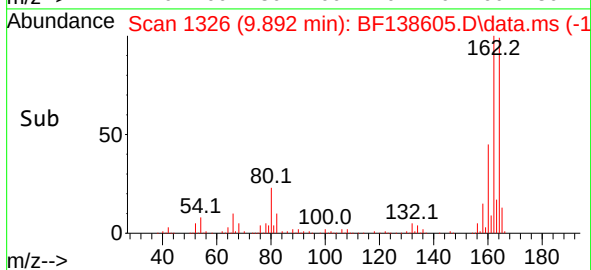
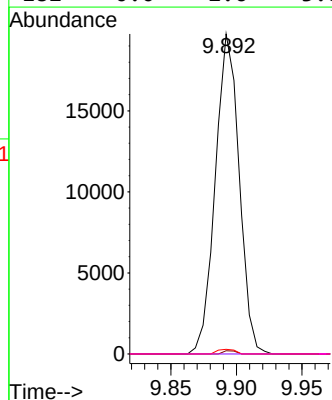
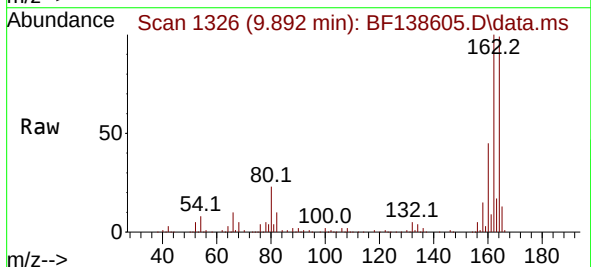
Instrument :
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PB162075TB

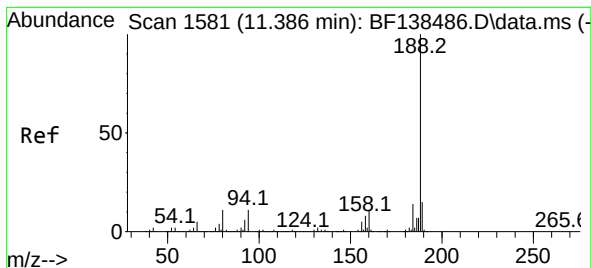
Tgt Ion:165 Resp: 24976
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.5 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.653 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

Tgt Ion:165 Resp: 24976
Ion Ratio Lower Upper
165 100
63 1.0 44.6 66.8#
89 1.5 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138605.D

Acq: 22 Jul 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB162075TB

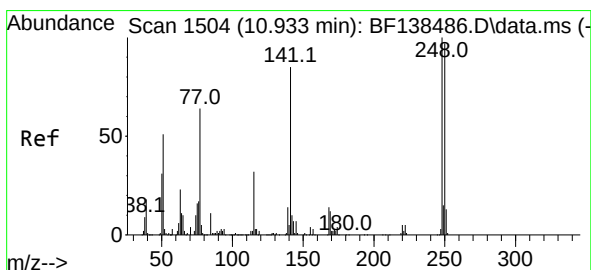
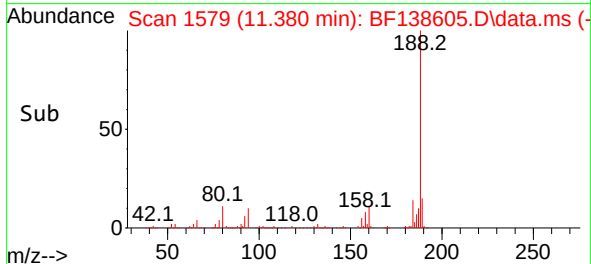
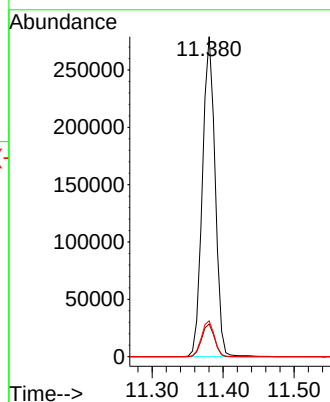
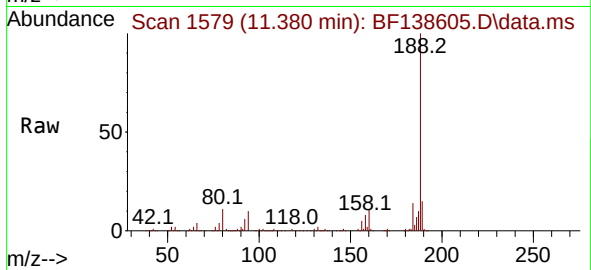
Tgt Ion:188 Resp: 348569

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

80 11.2 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.915 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF138605.D

Acq: 22 Jul 2024 13:40

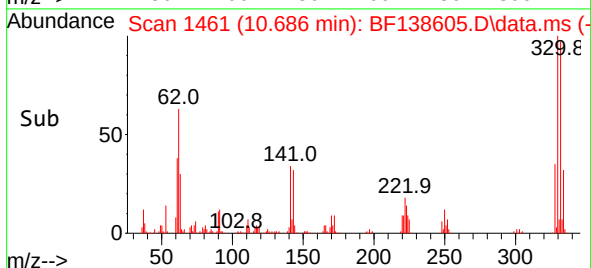
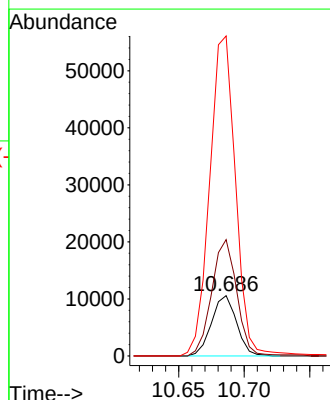
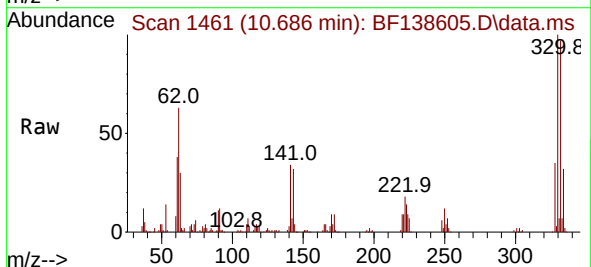
Tgt Ion:248 Resp: 14026

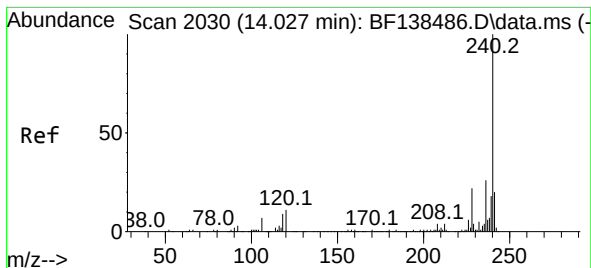
Ion Ratio Lower Upper

248 100

250 192.6 77.9 116.9#

141 529.8 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: BF138605.D

Acq: 22 Jul 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB162075TB

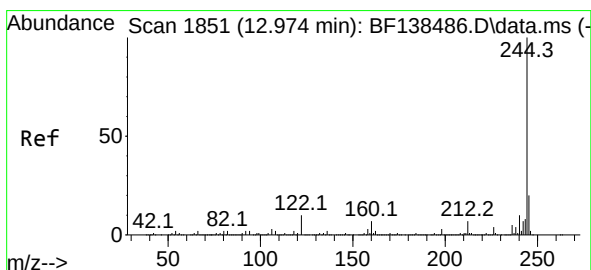
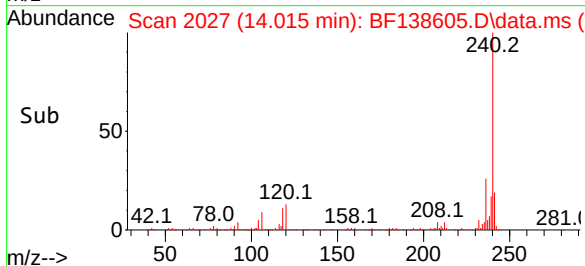
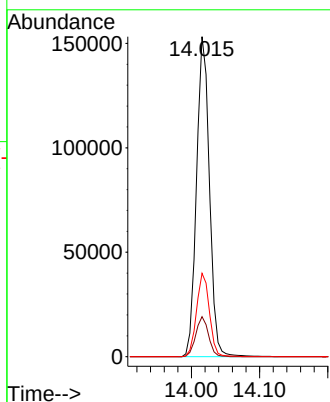
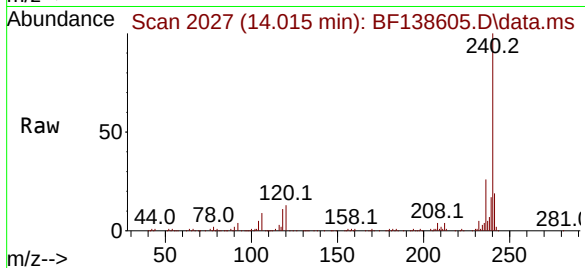
Tgt Ion:240 Resp: 201605

Ion Ratio Lower Upper

240 100

120 12.5 8.6 12.8

236 26.1 21.0 31.6



#79

Terphenyl-d14

Concen: 88.032 ng

RT: 12.968 min Scan# 1849

Delta R.T. -0.006 min

Lab File: BF138605.D

Acq: 22 Jul 2024 13:40

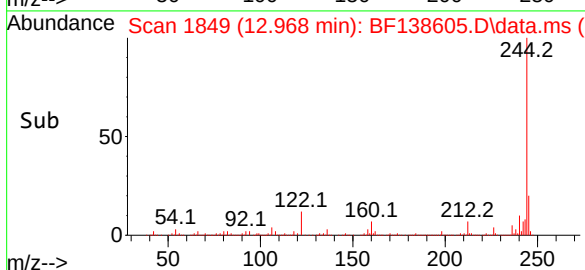
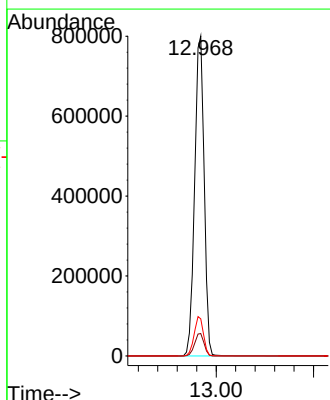
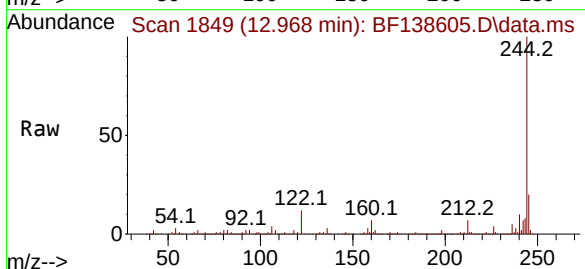
Tgt Ion:244 Resp: 1089400

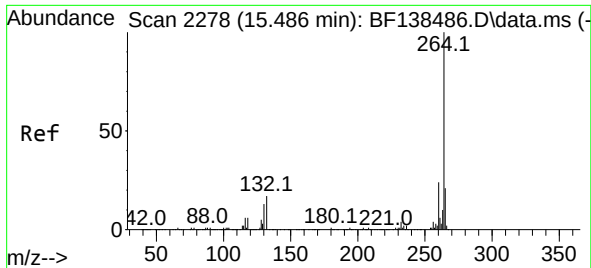
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

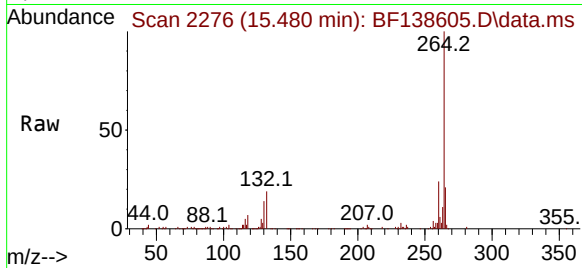
122 11.6 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

Instrument :
BNA_F
ClientSampleId :
PB162075TB



Tgt Ion:264 Resp: 164441
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.4 17.0 25.4

