

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138659.D
 Acq On : 25 Jul 2024 18:21
 Operator : RC/JU
 Sample : P3357-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-857-J-SO-1.5-2-072024

Quant Time: Jul 25 18:59:19 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)

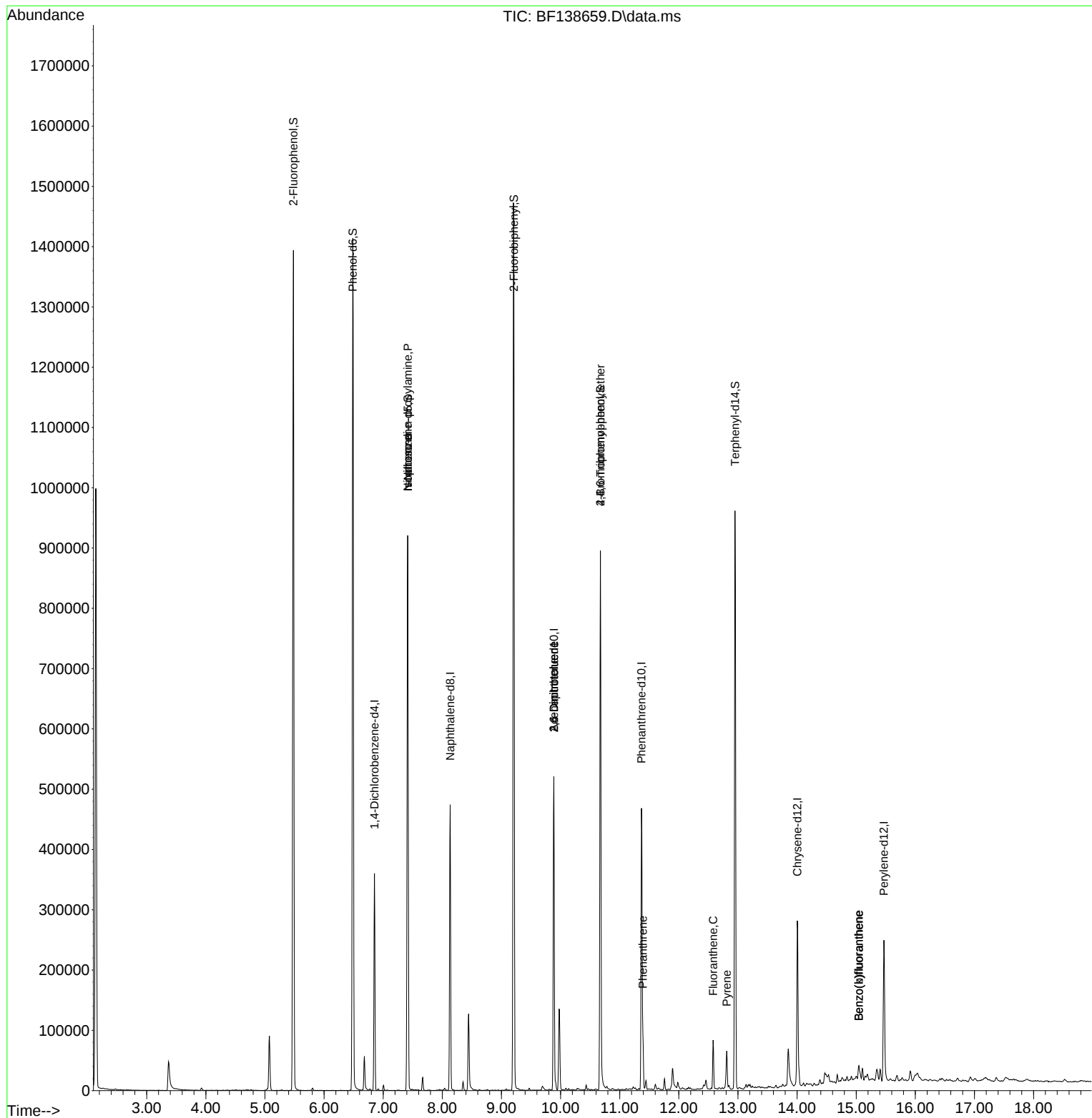
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	67124	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	281271	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	150910	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	237205	20.000	ng	-0.02
76) Chrysene-d12	14.004	240	118339	20.000	ng	-0.02
86) Perylene-d12	15.468	264	132492	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	463672	109.401	ng	-0.01
7) Phenol-d6	6.487	99	636430	112.879	ng	-0.02
23) Nitrobenzene-d5	7.416	82	403961	70.514	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	140530	99.638	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	639407	66.220	ng	-0.02
79) Terphenyl-d14	12.951	244	446603	61.482	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	55298	15.873	ng	# 73
25) Isophorone	7.416	82	402960	40.959	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	18849	8.389	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	18849	6.484	ng	# 18
67) 4-Bromophenyl-phenylether	10.675	248	9564	3.923	ng	# 1
71) Phenanthrene	11.392	178	42027	3.507	ng	99
75) Fluoranthene	12.580	202	44328	3.625	ng	97
78) Pyrene	12.810	202	34560	2.877	ng	99
88) Benzo(b)fluoranthene	15.045	252	22637	3.034	ng	# 96
89) Benzo(k)fluoranthene	15.045	252	22637	3.111	ng	# 96

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

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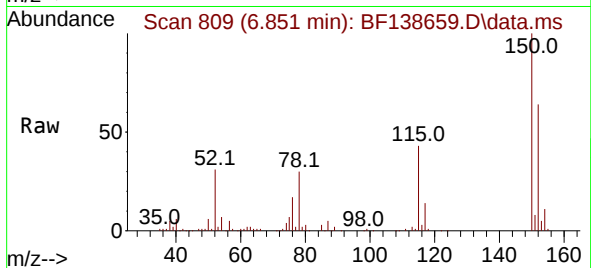
Quant Time: Jul 25 18:59:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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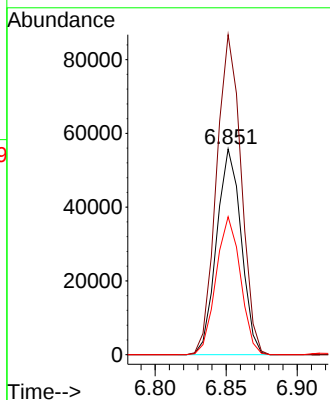
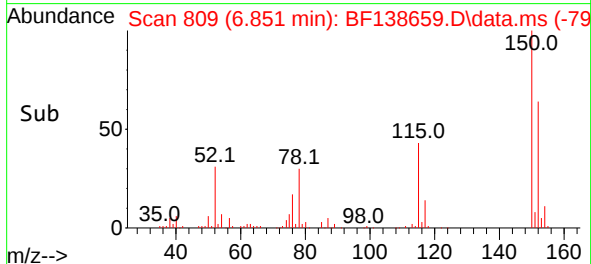


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138659.D
Acq: 25 Jul 2024 18:21

Instrument :
BNA_F
ClientSampleId :
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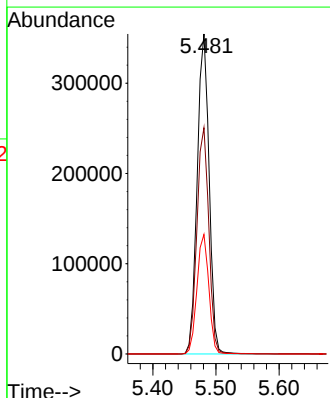
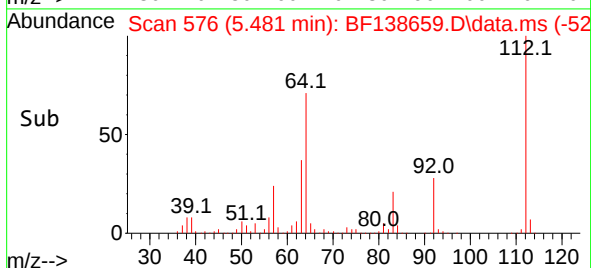
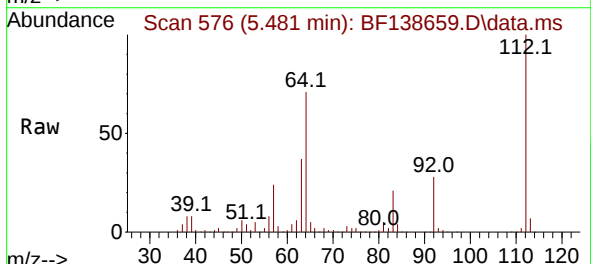


Tgt Ion:152 Resp: 67124
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.4
115 67.1 50.3 75.5



#5
2-Fluorophenol
Concen: 109.401 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138659.D
Acq: 25 Jul 2024 18:21

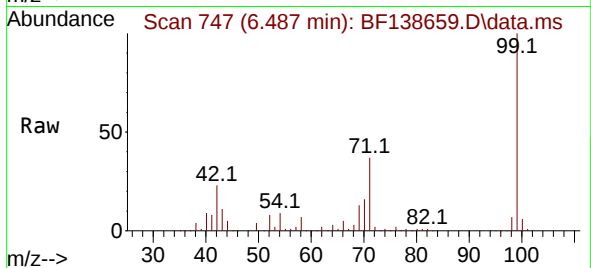
Tgt Ion:112 Resp: 463672
Ion Ratio Lower Upper
112 100
64 70.7 55.1 82.7
63 37.3 29.0 43.6



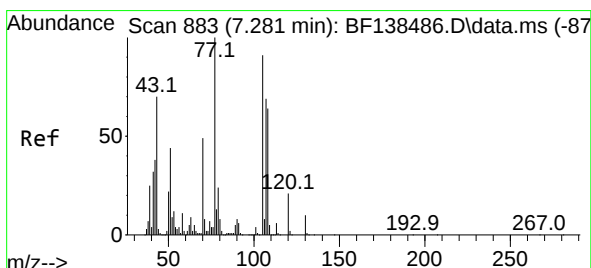
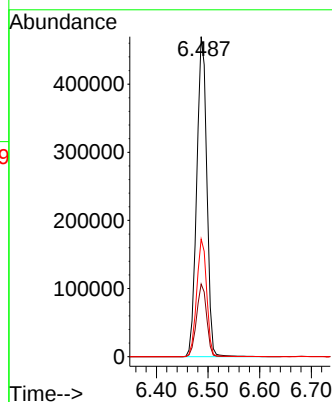
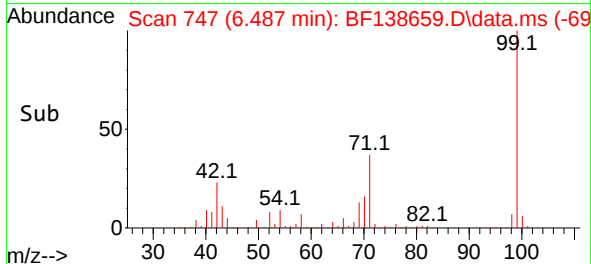


#7
Phenol-d6
Concen: 112.879 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138659.D
Acq: 25 Jul 2024 18:21

Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-1.5-2-072024

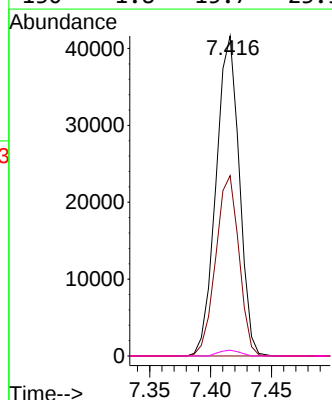
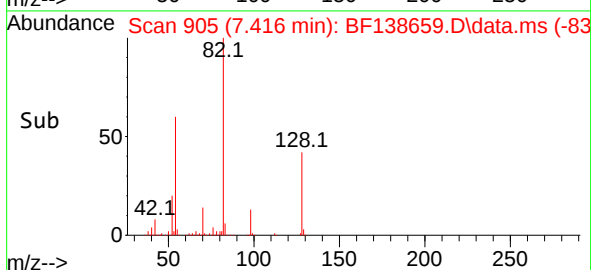
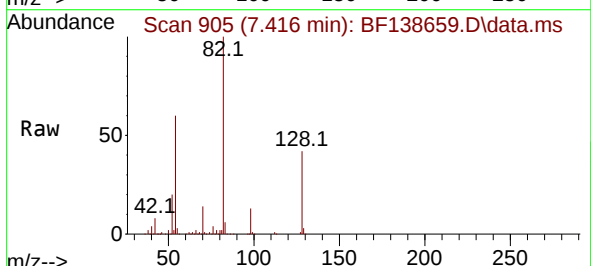


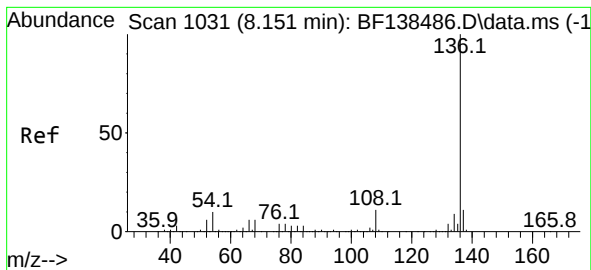
Tgt Ion: 99 Resp: 636430
Ion Ratio Lower Upper
99 100
42 22.7 19.7 29.5
71 36.7 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.873 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138659.D
Acq: 25 Jul 2024 18:21

Tgt Ion: 70 Resp: 55298
Ion Ratio Lower Upper
70 100
42 56.3 62.4 93.6#
101 0.0 7.2 10.8#
130 1.8 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.134 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138659.D

Acq: 25 Jul 2024 18:21

Instrument :

BNA_F

ClientSampleId :

S-857-J-SO-1.5-2-072024

Tgt Ion:136 Resp: 281271

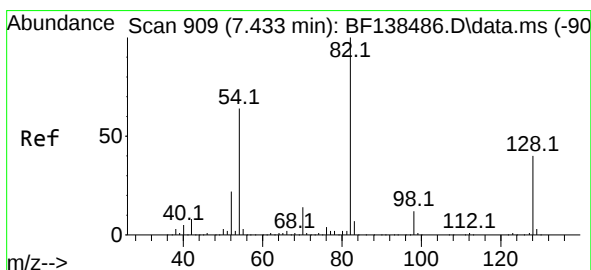
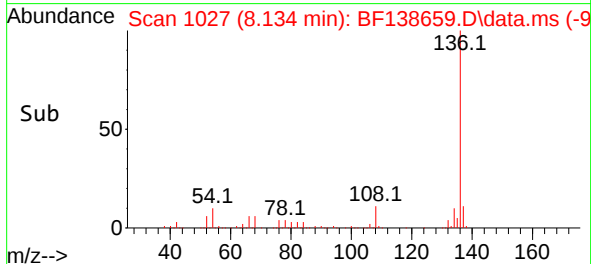
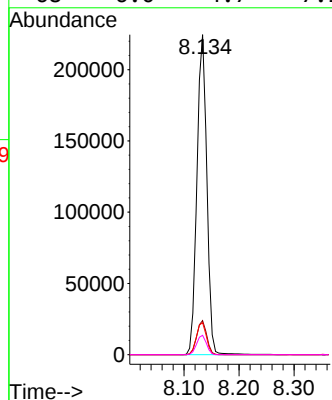
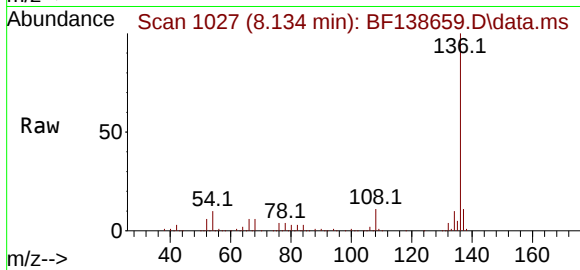
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.0 8.1 12.1

68 6.0 4.7 7.1



#23

Nitrobenzene-d5

Concen: 70.514 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.018 min

Lab File: BF138659.D

Acq: 25 Jul 2024 18:21

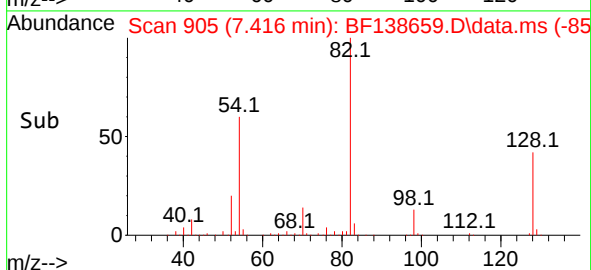
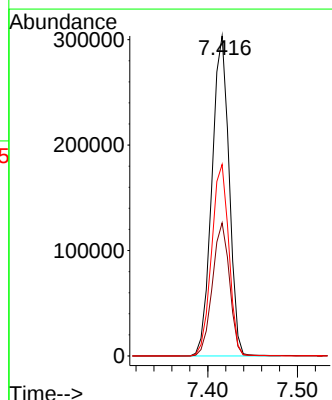
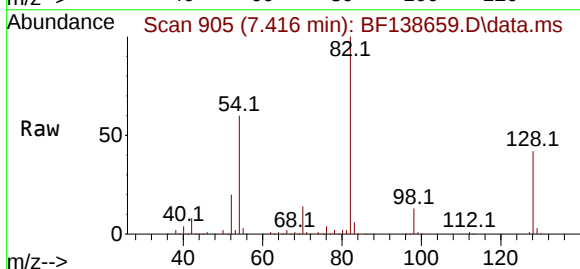
Tgt Ion: 82 Resp: 403961

Ion Ratio Lower Upper

82 100

128 41.6 32.3 48.5

54 59.8 51.4 77.0

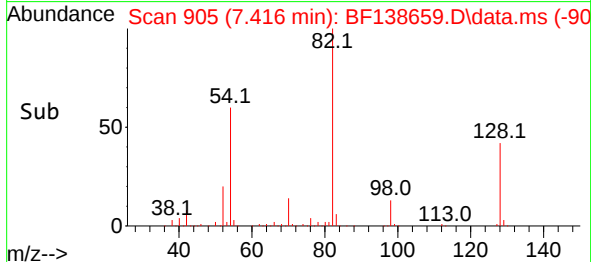
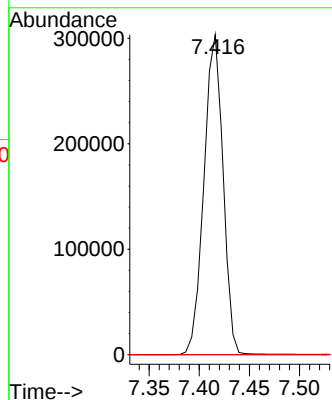
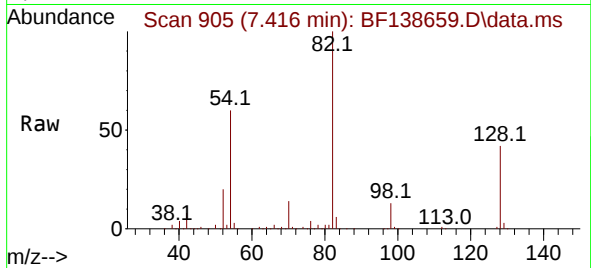




#25
Isophorone
Concen: 40.959 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF138659.D
Acq: 25 Jul 2024 18:21

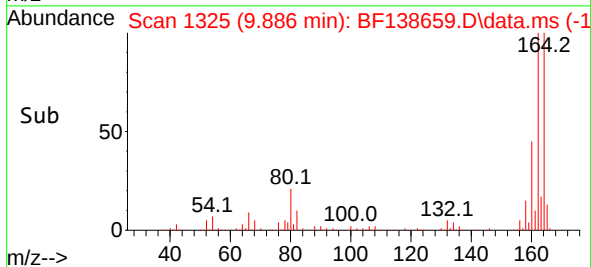
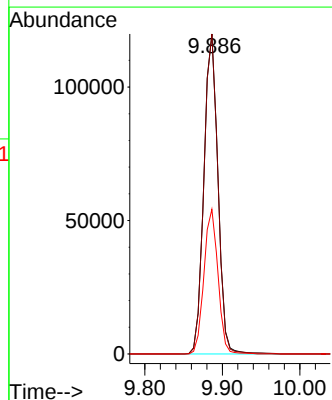
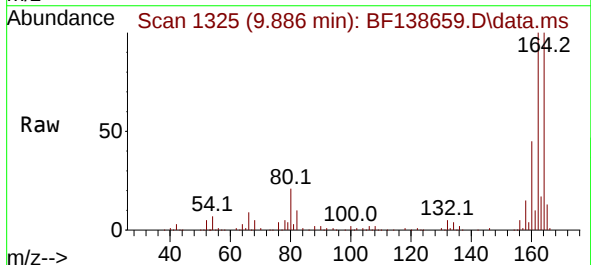
Instrument :
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ClientSampleId :
S-857-J-SO-1.5-2-072024

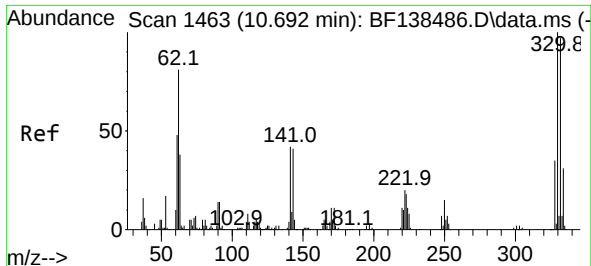
Tgt Ion: 82 Resp: 402960
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.017 min
Lab File: BF138659.D
Acq: 25 Jul 2024 18:21

Tgt Ion:164 Resp: 150910
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.6
160 45.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 99.638 ng

RT: 10.675 min Scan# 1463

Delta R.T. -0.017 min

Lab File: BF138659.D

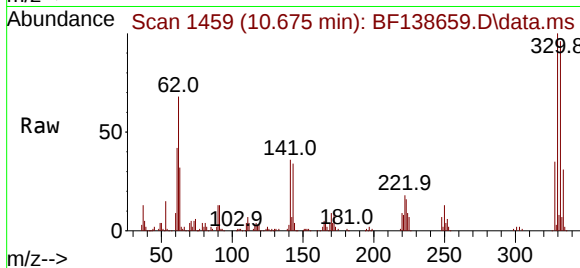
Acq: 25 Jul 2024 18:21

Instrument :

BNA_F

ClientSampleId :

S-857-J-SO-1.5-2-072024



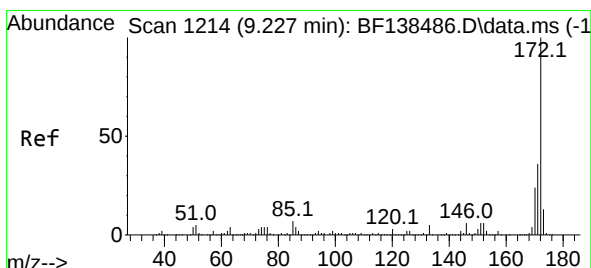
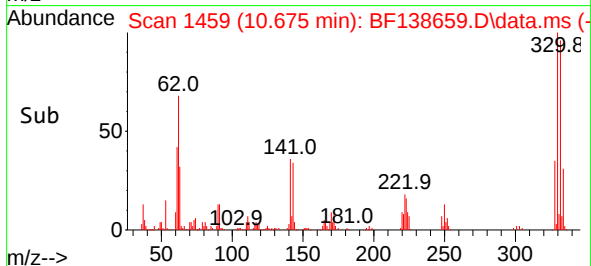
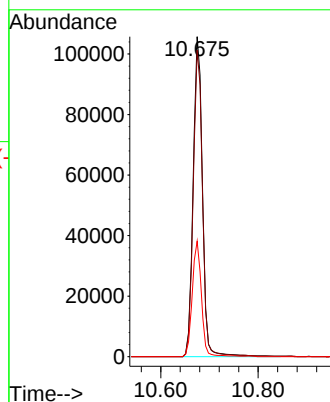
Tgt Ion:330 Resp: 140530

Ion Ratio Lower Upper

330 100

332 94.5 76.8 115.2

141 35.5 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 66.220 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.018 min

Lab File: BF138659.D

Acq: 25 Jul 2024 18:21

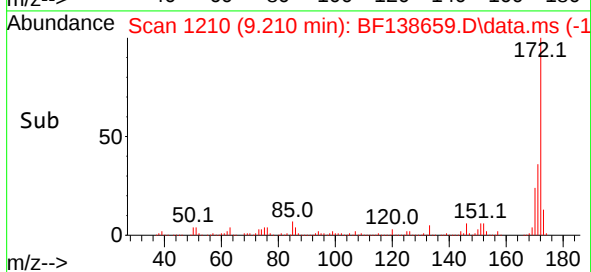
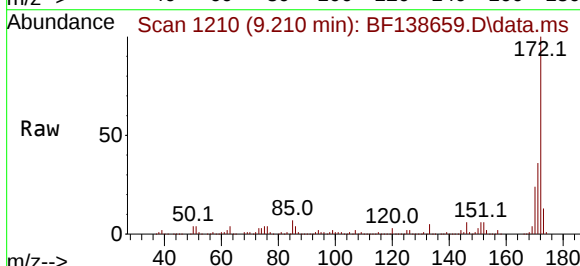
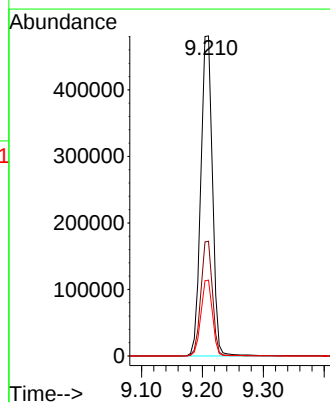
Tgt Ion:172 Resp: 639407

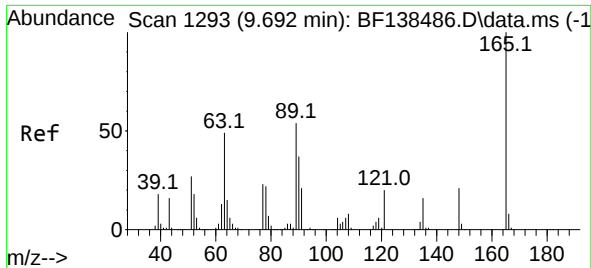
Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 23.7 18.9 28.3

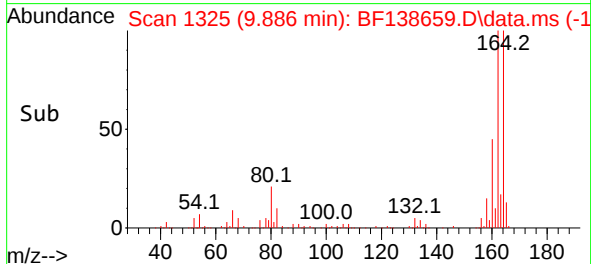
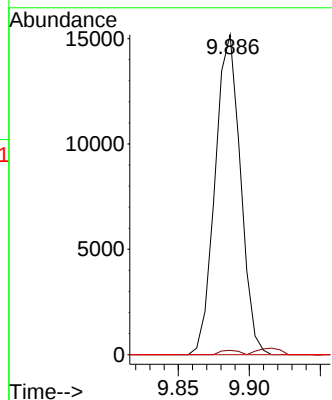
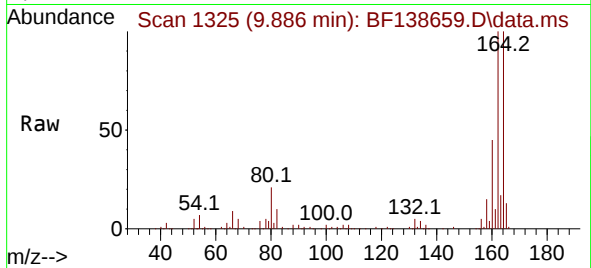




#51
2,6-Dinitrotoluene
Concen: 8.389 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138659.D
Acq: 25 Jul 2024 18:21

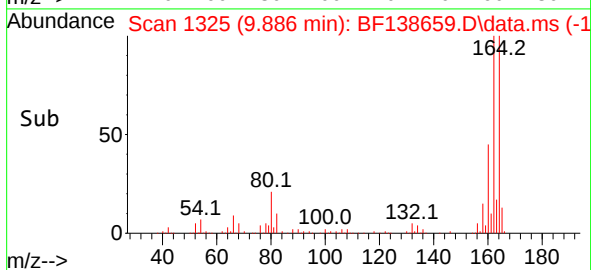
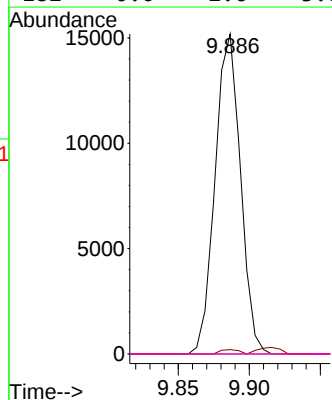
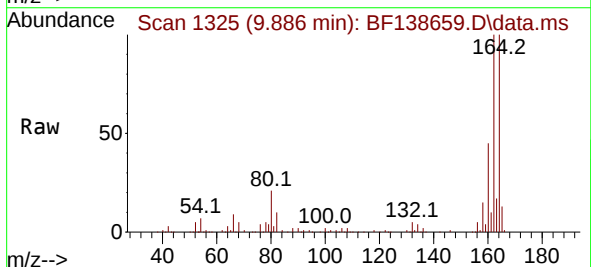
Instrument :
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Tgt Ion:165 Resp: 18849
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 0.0 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.484 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF138659.D
Acq: 25 Jul 2024 18:21

Tgt Ion:165 Resp: 18849
Ion Ratio Lower Upper
165 100
63 1.3 44.6 66.8#
89 0.0 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138659.D

Acq: 25 Jul 2024 18:21

Instrument :

BNA_F

ClientSampleId :

S-857-J-SO-1.5-2-072024

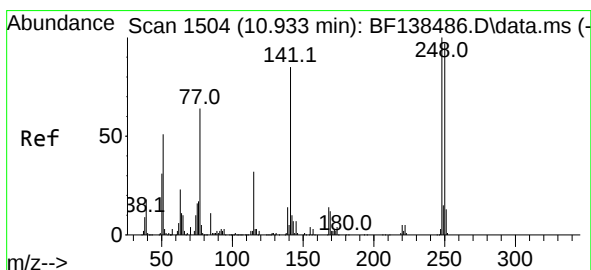
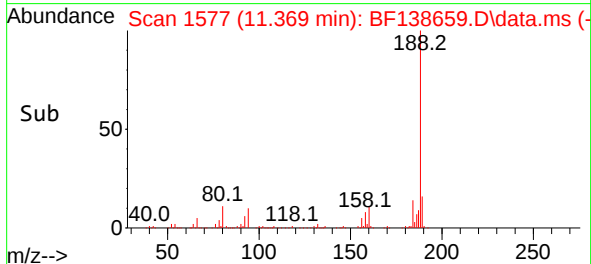
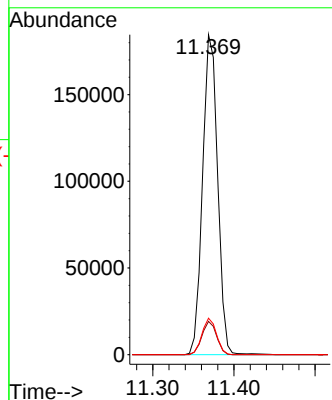
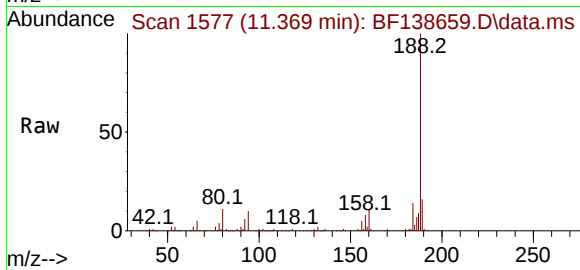
Tgt Ion:188 Resp: 237205

Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

80 11.4 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.923 ng

RT: 10.675 min Scan# 1459

Delta R.T. -0.259 min

Lab File: BF138659.D

Acq: 25 Jul 2024 18:21

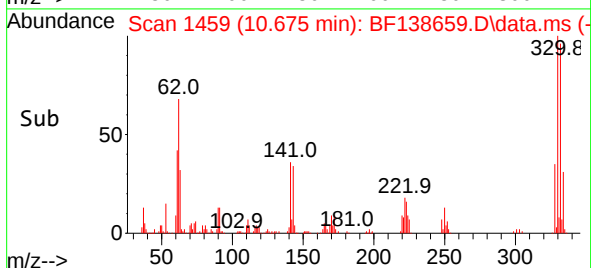
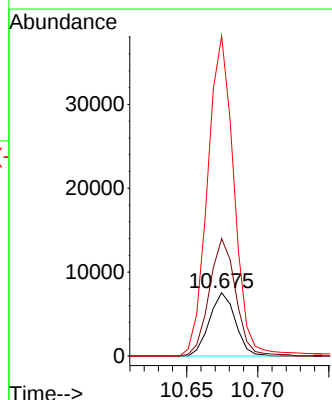
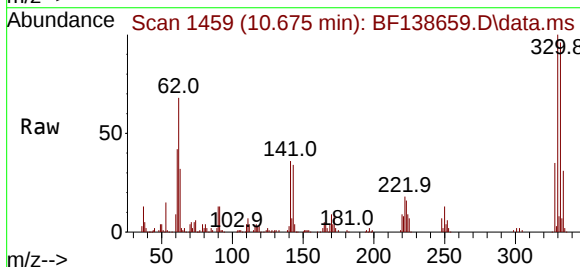
Tgt Ion:248 Resp: 9564

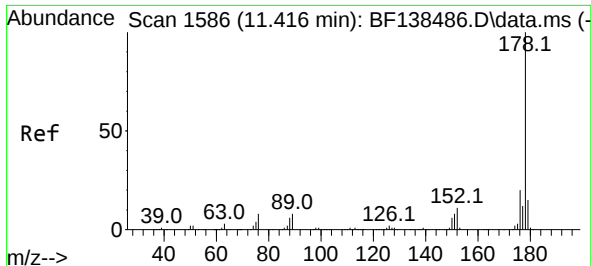
Ion Ratio Lower Upper

248 100

250 185.4 77.9 116.9#

141 506.2 67.7 101.5#

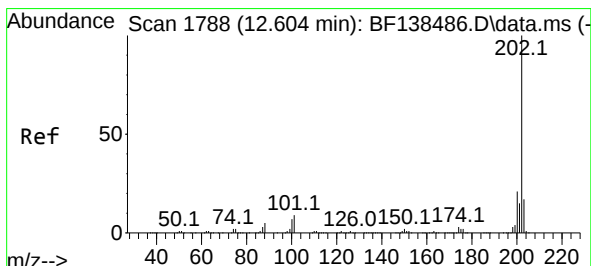
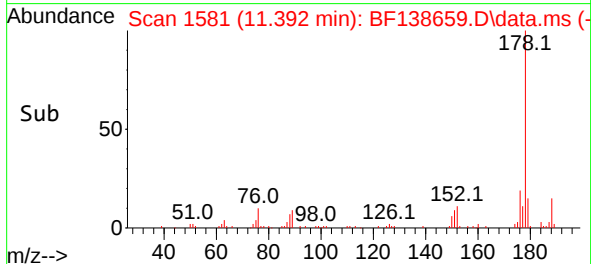
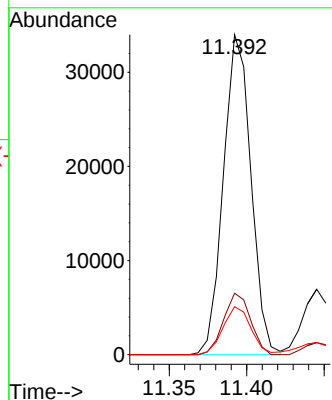
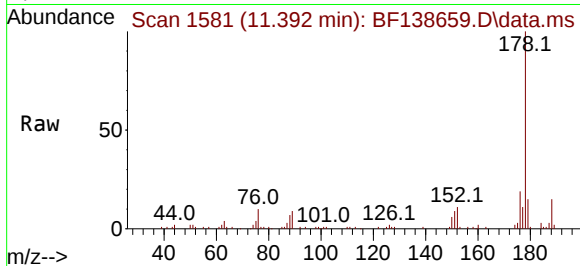




#71
Phenanthrene
Concen: 3.507 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF138659.D
Acq: 25 Jul 2024 18:21

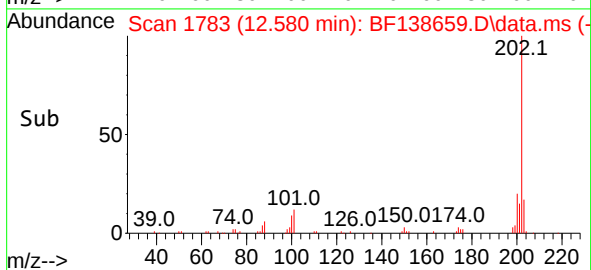
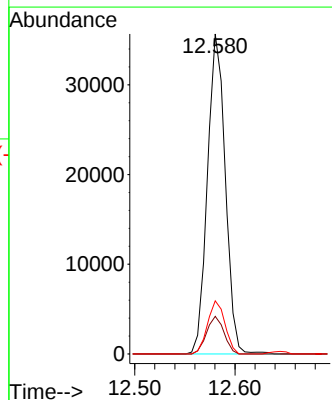
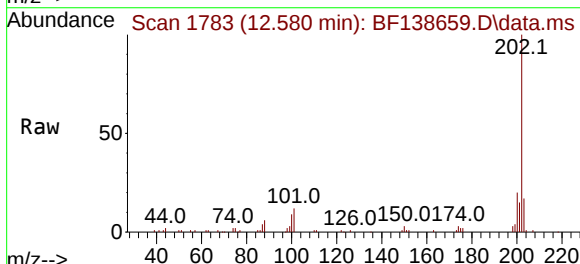
Instrument :
BNA_F
ClientSampleId :
S-857-J-SO-1.5-2-072024

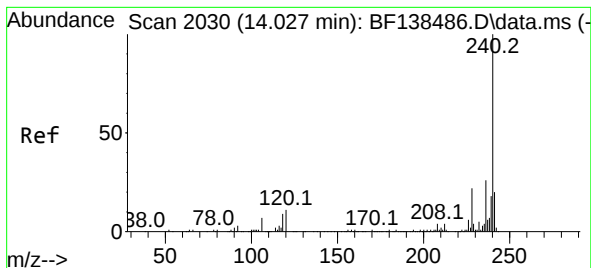
Tgt Ion:178 Resp: 42027
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.0 12.2 18.2



#75
Fluoranthene
Concen: 3.625 ng
RT: 12.580 min Scan# 1783
Delta R.T. -0.023 min
Lab File: BF138659.D
Acq: 25 Jul 2024 18:21

Tgt Ion:202 Resp: 44328
Ion Ratio Lower Upper
202 100
101 11.7 0.0 29.2
203 16.6 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2030

Delta R.T. -0.023 min

Lab File: BF138659.D

Acq: 25 Jul 2024 18:21

Instrument :

BNA_F

ClientSampleId :

S-857-J-SO-1.5-2-072024

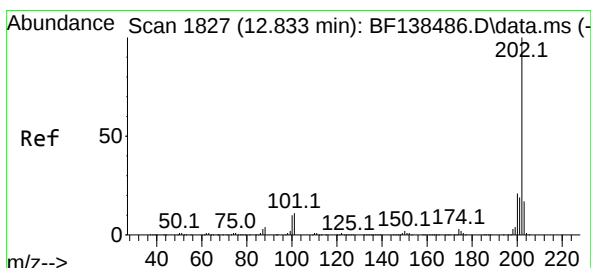
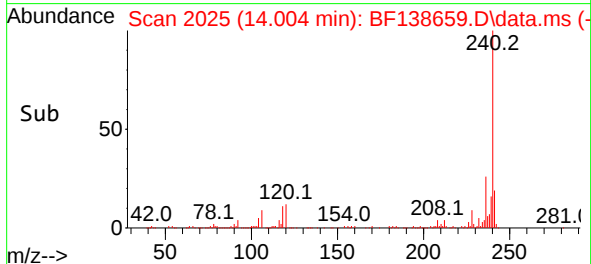
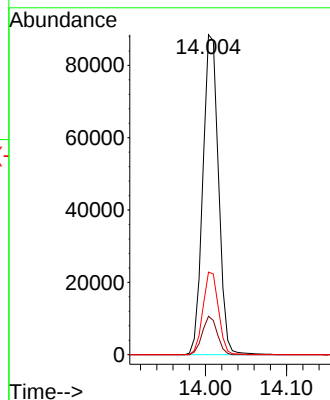
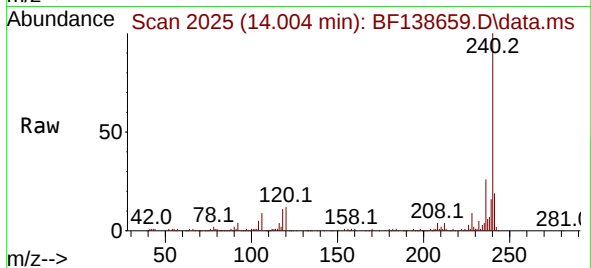
Tgt Ion:240 Resp: 118339

Ion Ratio Lower Upper

240 100

120 12.0 8.6 12.8

236 25.8 21.0 31.6



#78

Pyrene

Concen: 2.877 ng

RT: 12.810 min Scan# 1822

Delta R.T. -0.023 min

Lab File: BF138659.D

Acq: 25 Jul 2024 18:21

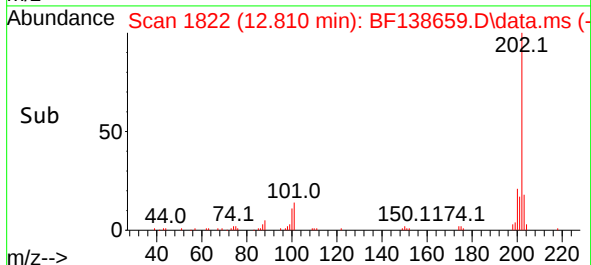
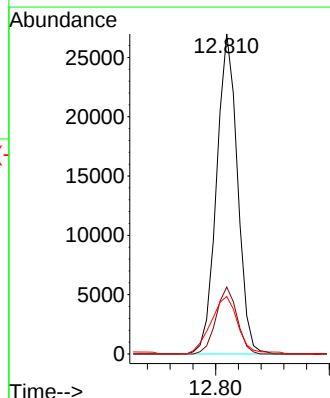
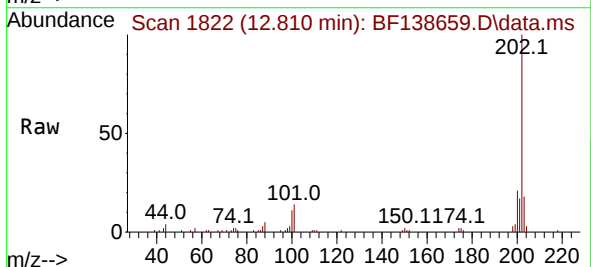
Tgt Ion:202 Resp: 34560

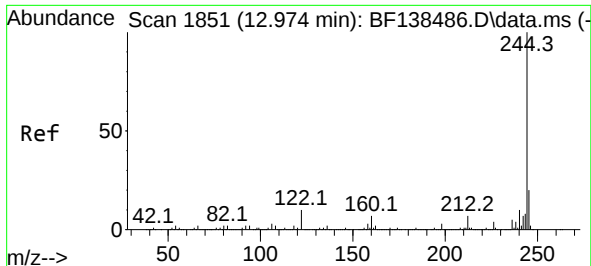
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

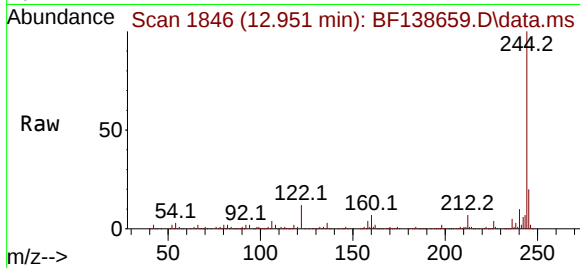
203 18.0 13.7 20.5



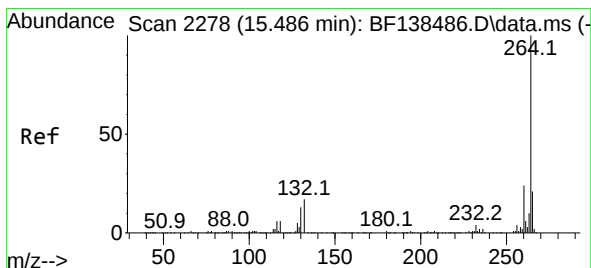
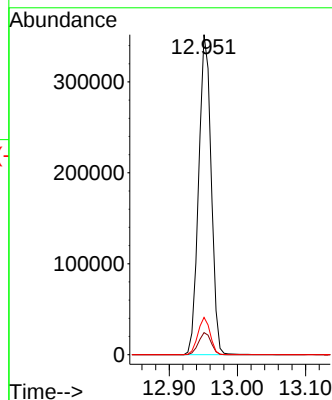
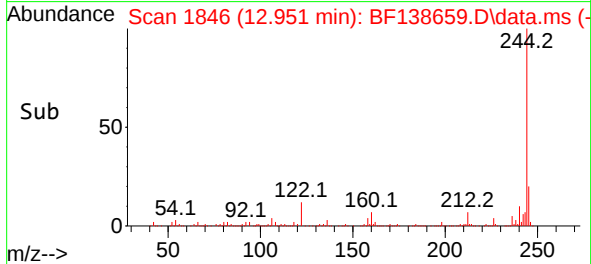


#79
 Terphenyl-d14
 Concen: 61.482 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. -0.023 min
 Lab File: BF138659.D
 Acq: 25 Jul 2024 18:21

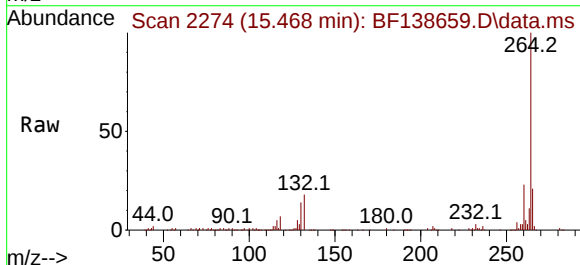
Instrument :
 BNA_F
 ClientSampleId :
 S-857-J-SO-1.5-2-072024



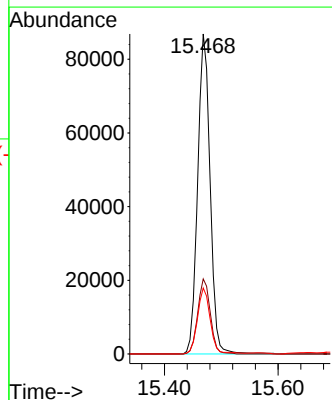
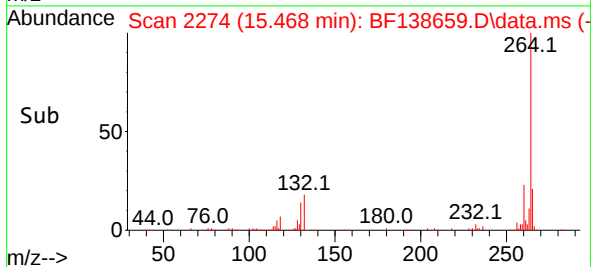
Tgt Ion:244 Resp: 446603
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.7 7.8 11.8

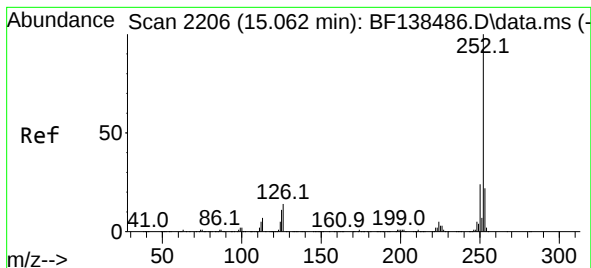


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. -0.018 min
 Lab File: BF138659.D
 Acq: 25 Jul 2024 18:21



Tgt Ion:264 Resp: 132492
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 20.6 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 3.034 ng

RT: 15.045 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138659.D

Acq: 25 Jul 2024 18:21

Instrument :

BNA_F

ClientSampleId :

S-857-J-SO-1.5-2-072024

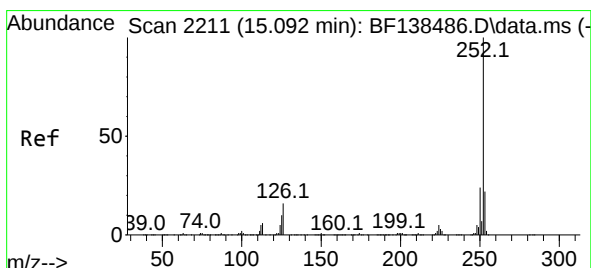
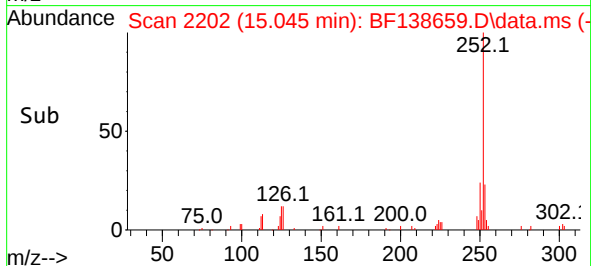
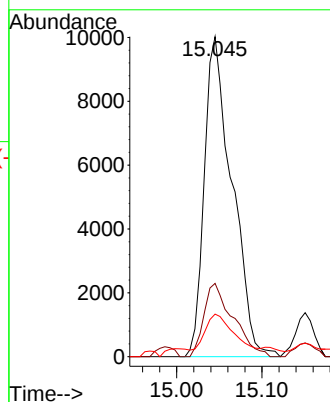
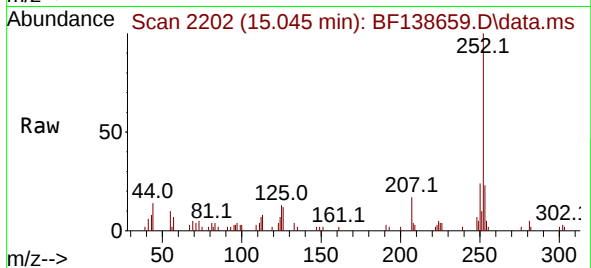
Tgt Ion:252 Resp: 22637

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 13.3 8.6 13.0#



#89

Benzo(k)fluoranthene

Concen: 3.111 ng

RT: 15.045 min Scan# 2202

Delta R.T. -0.047 min

Lab File: BF138659.D

Acq: 25 Jul 2024 18:21

Tgt Ion:252 Resp: 22637

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 13.3 8.1 12.1#

