

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
 Data File : BF139784.D
 Acq On : 11 Oct 2024 19:37
 Operator : RC/JU
 Sample : P4364-08 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-2.0-2.5

Quant Time: Oct 12 02:02:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

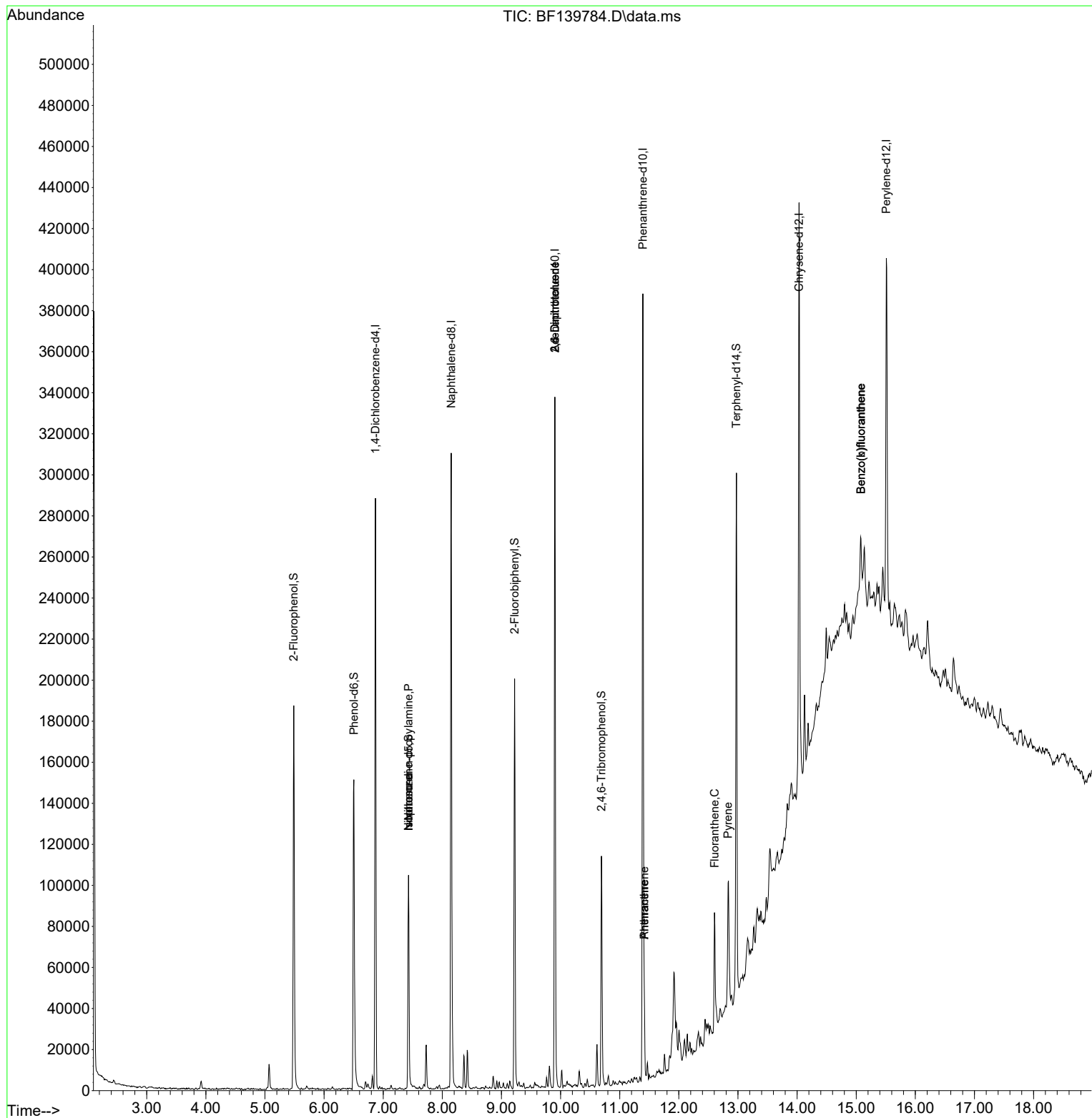
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	58355	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	188402	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	96219	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	202295	20.000	ng	0.00
76) Chrysene-d12	14.033	240	124604	20.000	ng	0.00
86) Perylene-d12	15.510	264	93962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	70786	21.025	ng	0.00
7) Phenol-d6	6.504	99	78207	17.273	ng	0.00
23) Nitrobenzene-d5	7.428	82	44789	12.036	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	17648	19.000	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	86852	13.857	ng	0.00
79) Terphenyl-d14	12.974	244	117776	15.509	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	6001	2.062	ng	# 76
25) Isophorone	7.428	82	42986	6.504	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	12473	8.766	ng	# 17
57) 2,4-Dinitrotoluene	9.904	165	12473	6.707	ng	# 17
71) Phenanthrene	11.416	178	20496	2.149	ng	97
72) Anthracene	11.416	178	20496	2.172	ng	98
75) Fluoranthene	12.604	202	31501	3.021	ng	97
78) Pyrene	12.833	202	34489	3.095	ng	99
88) Benzo(b)fluoranthene	15.080	252	14402	2.371	ng	# 70
89) Benzo(k)fluoranthene	15.080	252	14402	2.795	ng	# 71

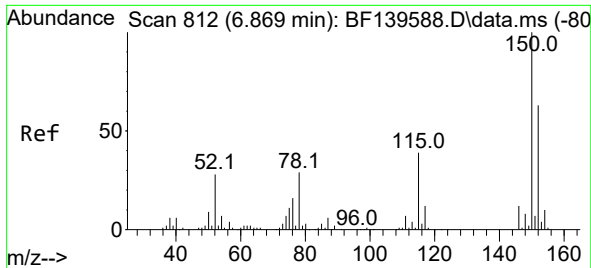
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
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SB-03-2.0-2.5

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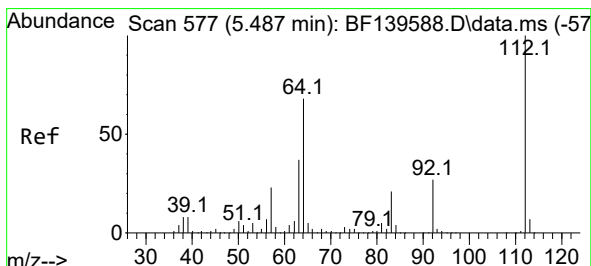
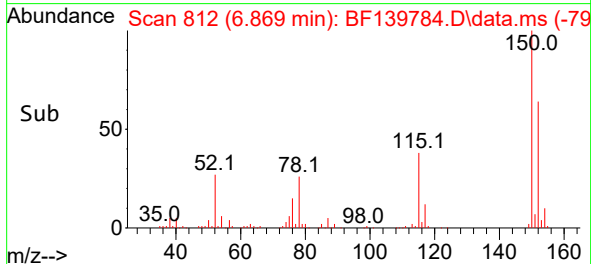
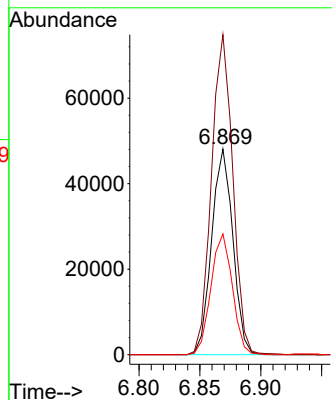
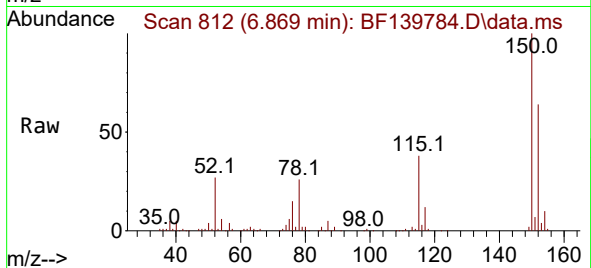




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

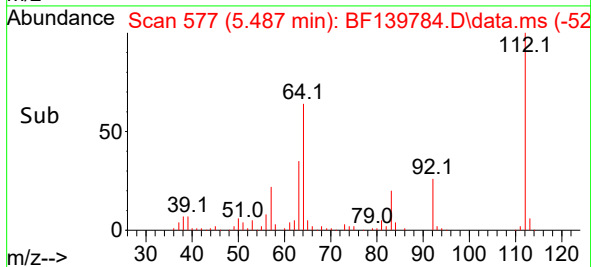
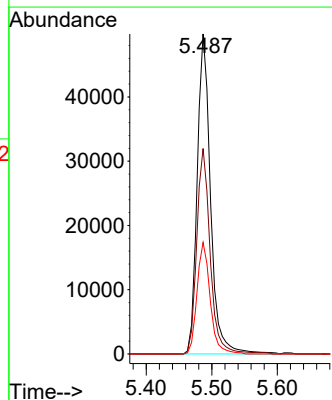
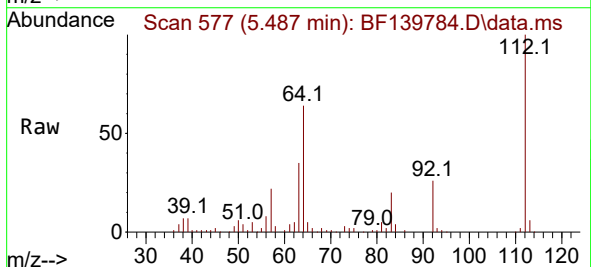
Instrument :
BNA_F
ClientSampleId :
SB-03-2.0-2.5

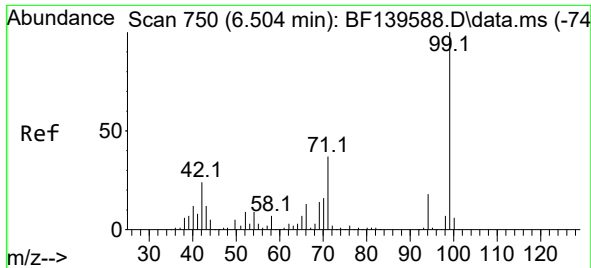
Tgt Ion:152 Resp: 58355
Ion Ratio Lower Upper
152 100
150 155.7 127.2 190.8
115 58.8 49.0 73.4



#5
2-Fluorophenol
Concen: 21.025 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

Tgt Ion:112 Resp: 70786
Ion Ratio Lower Upper
112 100
64 64.2 54.2 81.4
63 34.9 29.4 44.2

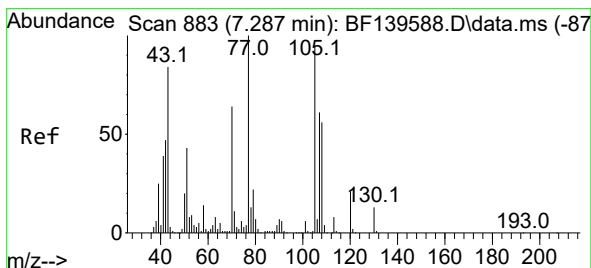
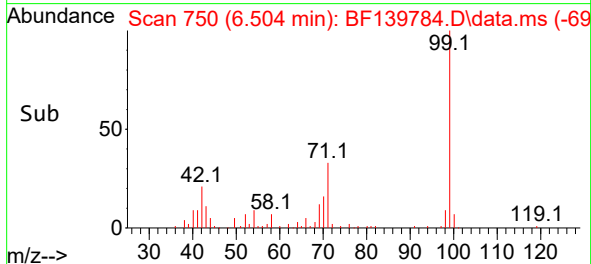
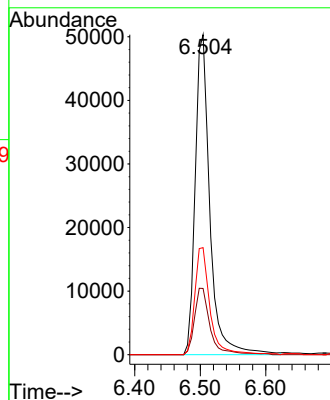
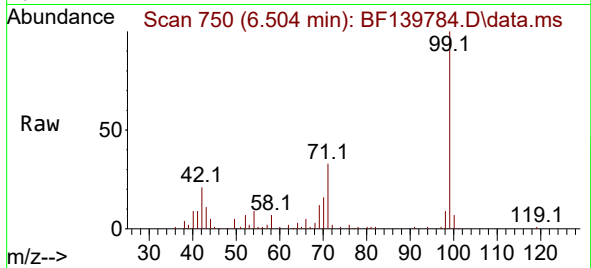




#7
Phenol-d6
Concen: 17.273 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

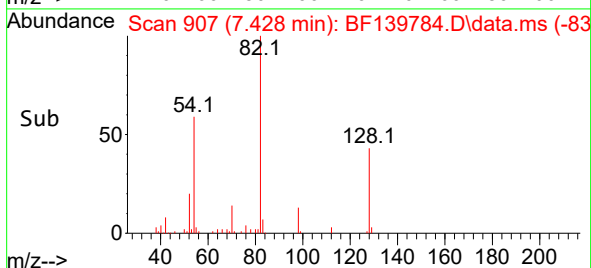
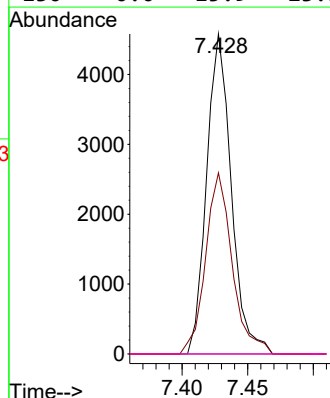
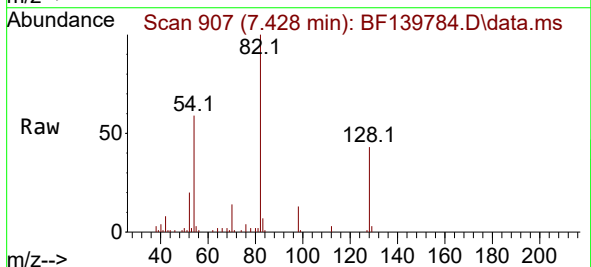
Instrument :
BNA_F
ClientSampleId :
SB-03-2.0-2.5

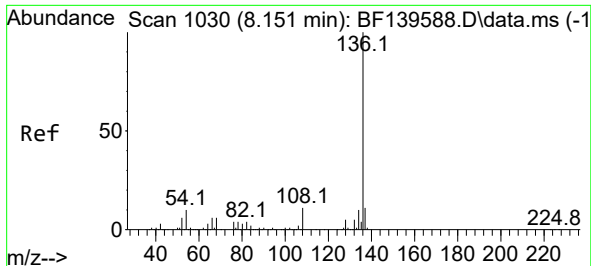
Tgt Ion: 99 Resp: 78207
Ion Ratio Lower Upper
99 100
42 20.7 19.1 28.7
71 33.5 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.062 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

Tgt Ion: 70 Resp: 6001
Ion Ratio Lower Upper
70 100
42 56.6 58.0 87.0#
101 0.0 7.8 11.8#
130 0.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139784.D

Acq: 11 Oct 2024 19:37

Instrument :

BNA_F

ClientSampleId :

SB-03-2.0-2.5

Tgt Ion:136 Resp: 188402

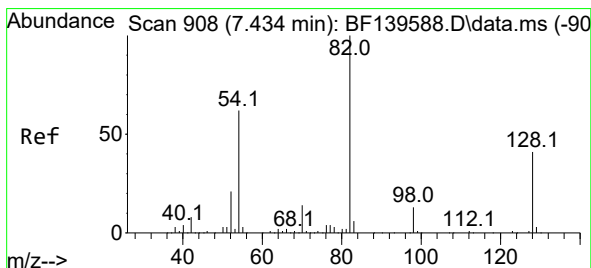
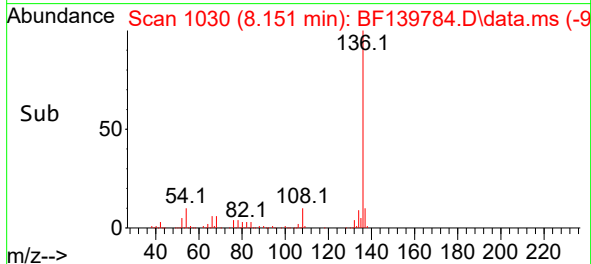
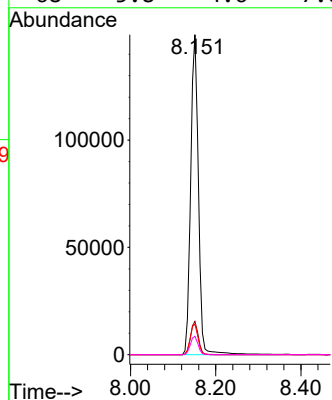
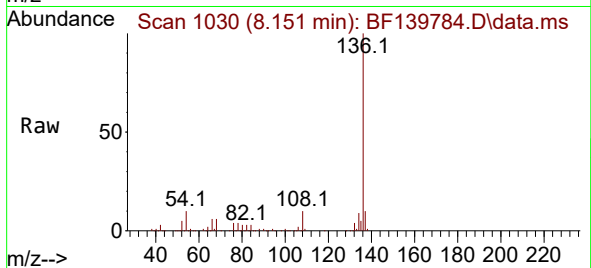
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 9.5 8.3 12.5

68 5.8 4.6 7.0



#23

Nitrobenzene-d5

Concen: 12.036 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF139784.D

Acq: 11 Oct 2024 19:37

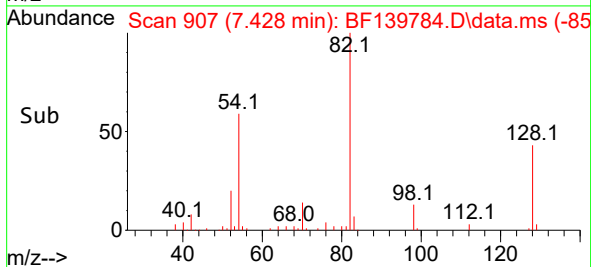
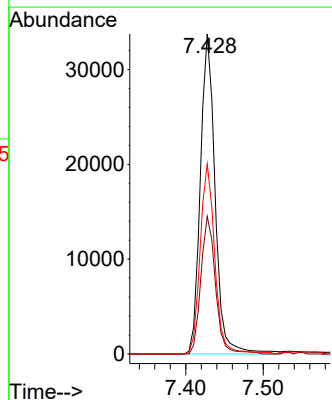
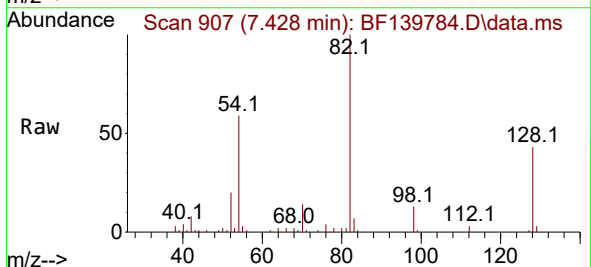
Tgt Ion: 82 Resp: 44789

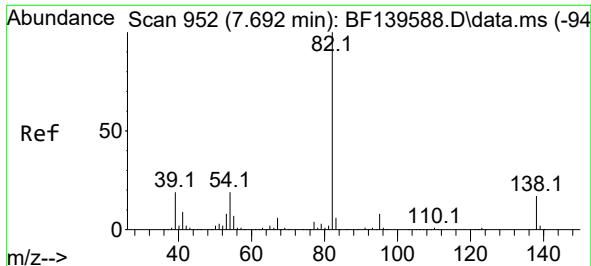
Ion Ratio Lower Upper

82 100

128 43.0 32.4 48.6

54 59.4 49.1 73.7

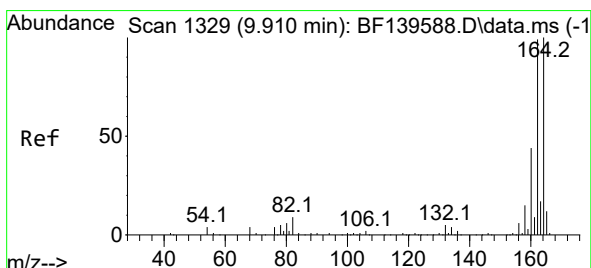
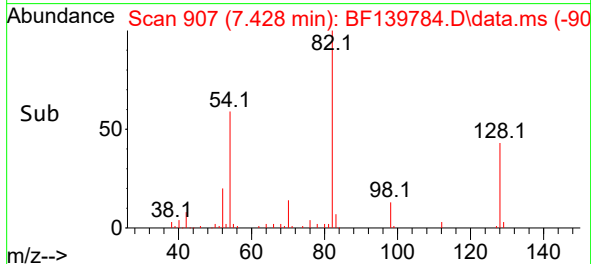
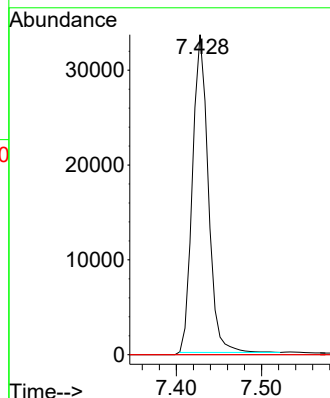
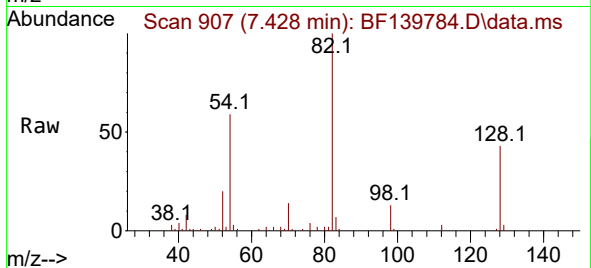




#25
Isophorone
Concen: 6.504 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

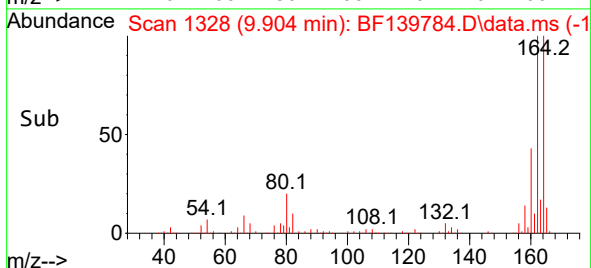
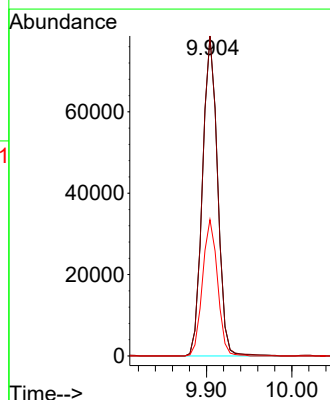
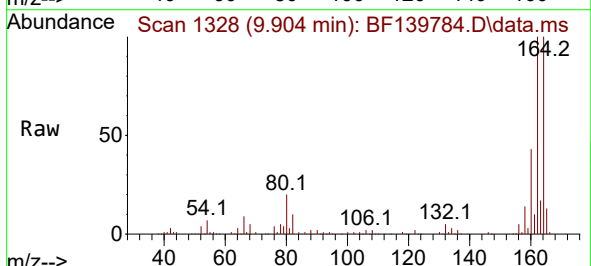
Instrument :
BNA_F
ClientSampleId :
SB-03-2.0-2.5

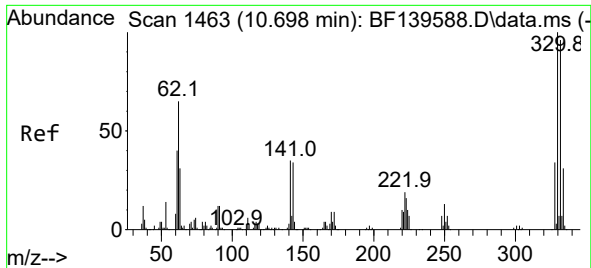
Tgt Ion: 82 Resp: 42986
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

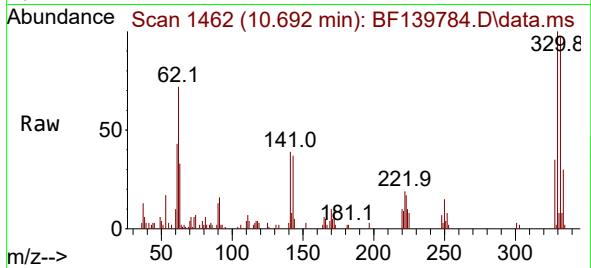
Tgt Ion:164 Resp: 96219
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.0
160 42.7 35.1 52.7



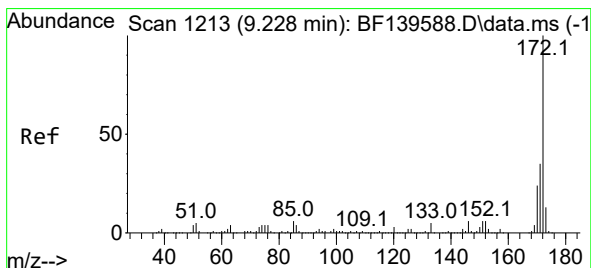
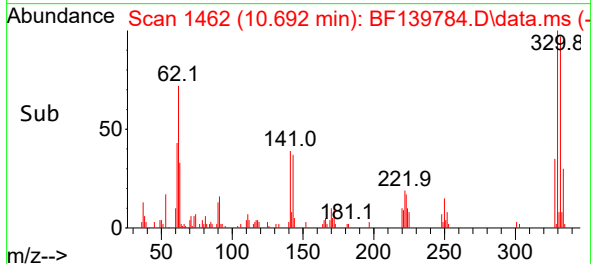
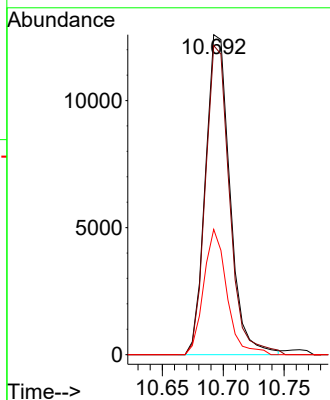


#42
2,4,6-Tribromophenol
Concen: 19.000 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

Instrument :
BNA_F
ClientSampleId :
SB-03-2.0-2.5

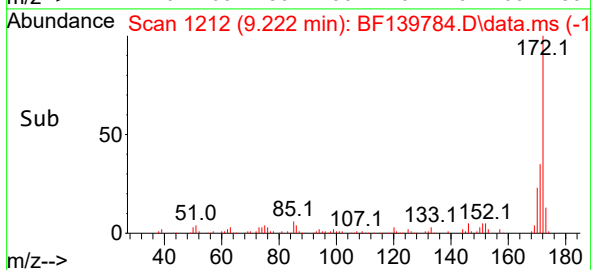
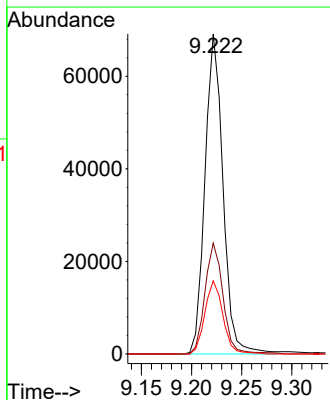
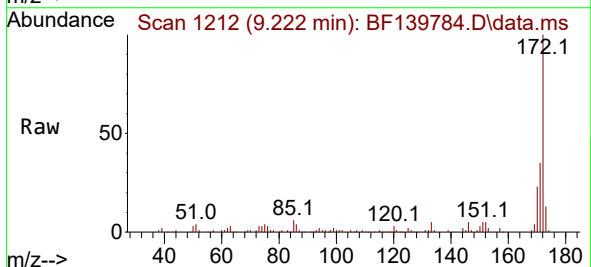


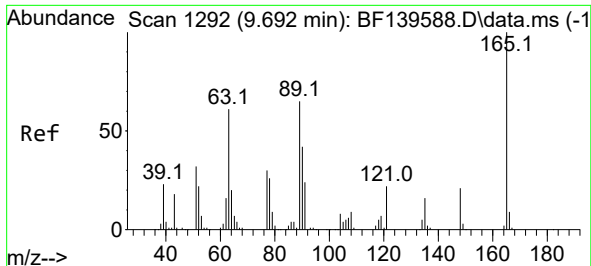
Tgt Ion:330 Resp: 17648
Ion Ratio Lower Upper
330 100
332 95.1 76.5 114.7
141 37.0 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 13.857 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

Tgt Ion:172 Resp: 86852
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.4
170 22.8 18.8 28.2

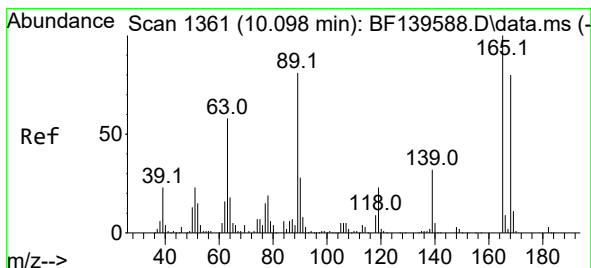
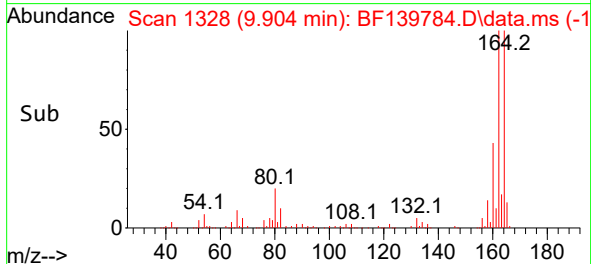
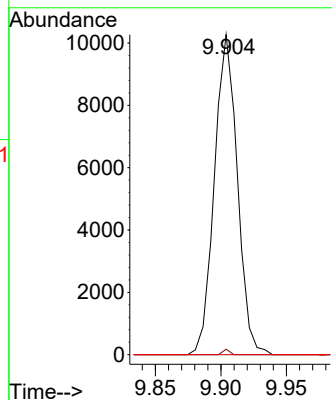
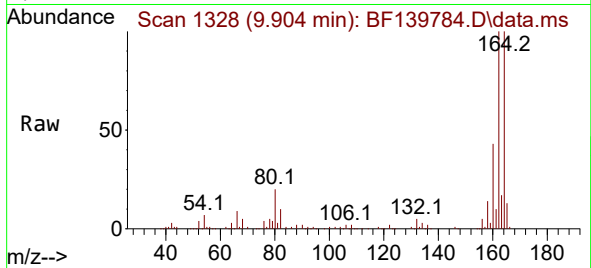




#51
2,6-Dinitrotoluene
Concen: 8.766 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

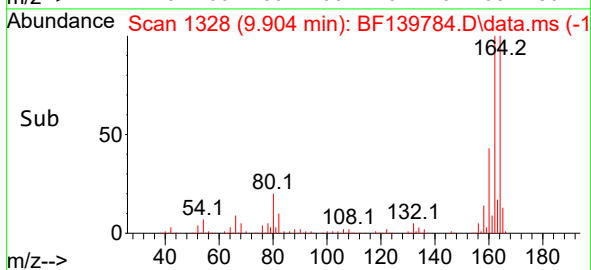
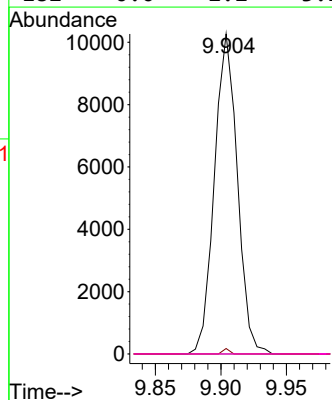
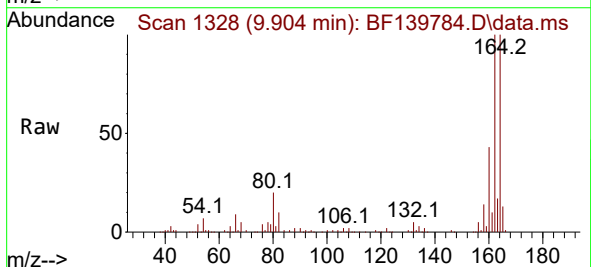
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SB-03-2.0-2.5

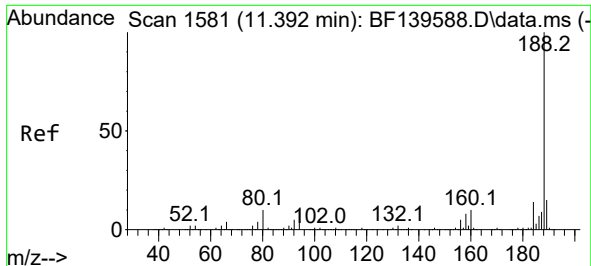
Tgt Ion:165 Resp: 12473
Ion Ratio Lower Upper
165 100
63 1.7 56.7 85.1#
89 0.0 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.707 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

Tgt Ion:165 Resp: 12473
Ion Ratio Lower Upper
165 100
63 1.7 46.9 70.3#
89 0.0 64.4 96.6#
182 0.0 2.2 3.2#

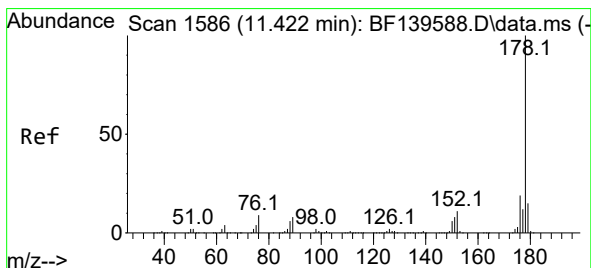
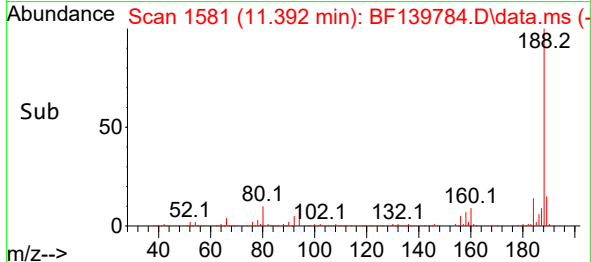
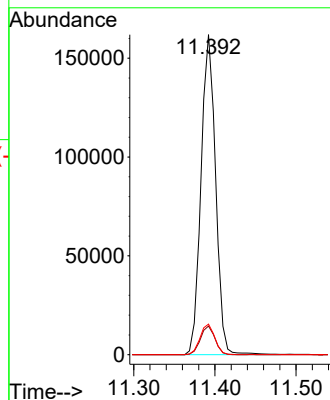
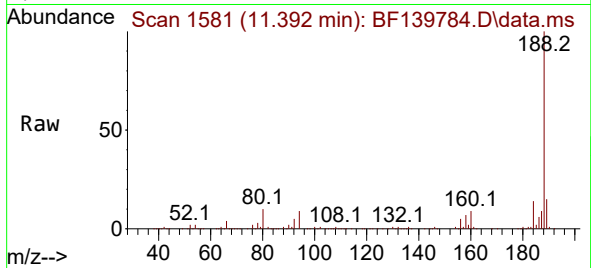




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

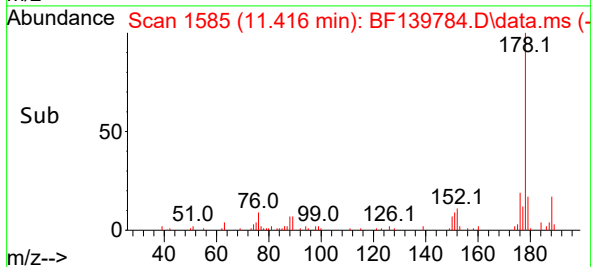
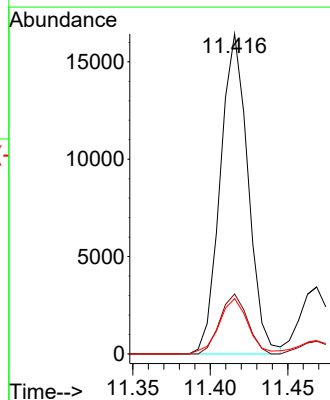
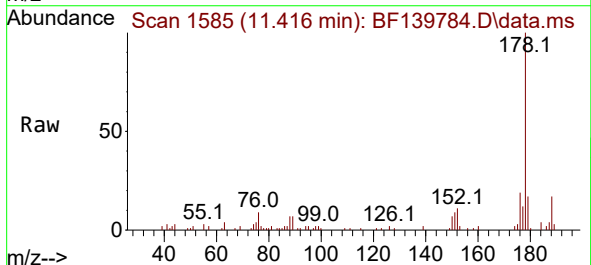
Instrument :
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SB-03-2.0-2.5

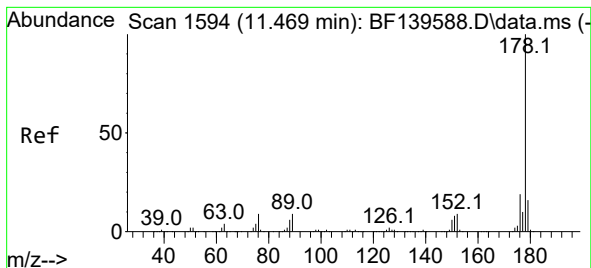
Tgt Ion:188 Resp: 202295
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.5 8.2 12.2



#71
Phenanthrene
Concen: 2.149 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

Tgt Ion:178 Resp: 20496
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 17.3 12.3 18.5





#72

Anthracene

Concen: 2.172 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.053 min

Lab File: BF139784.D

Acq: 11 Oct 2024 19:37

Instrument :

BNA_F

ClientSampleId :

SB-03-2.0-2.5

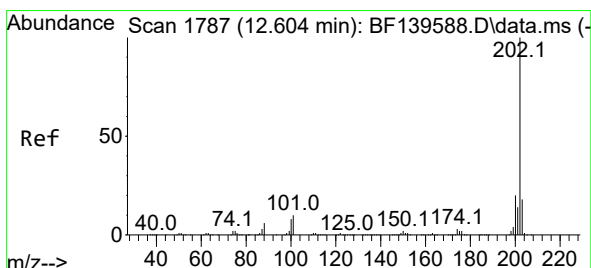
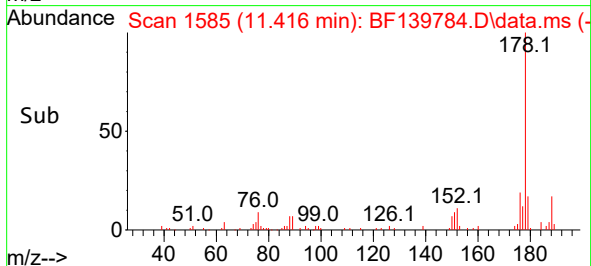
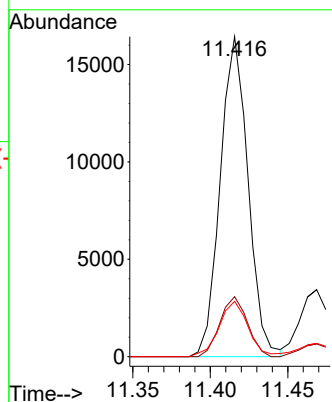
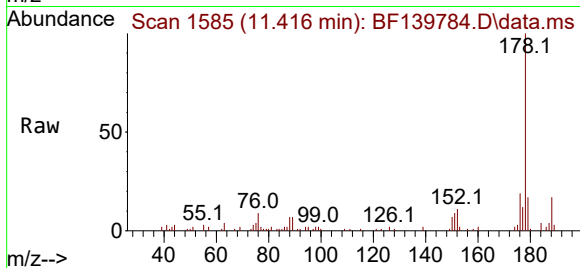
Tgt Ion:178 Resp: 20496

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 17.3 12.5 18.7



#75

Fluoranthene

Concen: 3.021 ng

RT: 12.604 min Scan# 1787

Delta R.T. -0.000 min

Lab File: BF139784.D

Acq: 11 Oct 2024 19:37

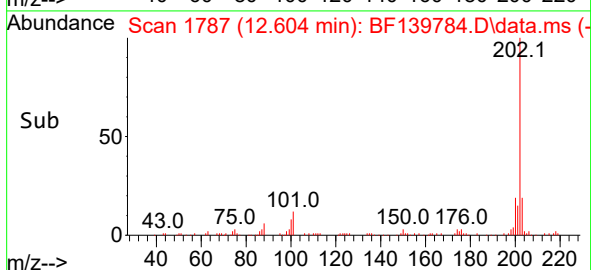
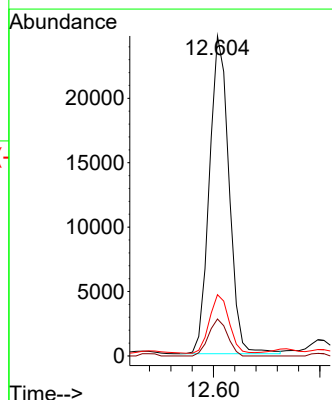
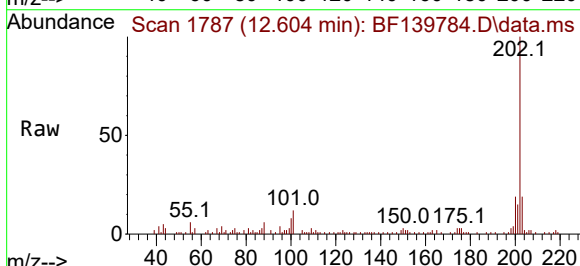
Tgt Ion:202 Resp: 31501

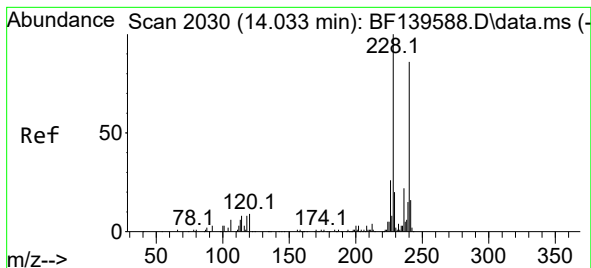
Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.2

203 19.2 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139784.D

Acq: 11 Oct 2024 19:37

Instrument :

BNA_F

ClientSampleId :

SB-03-2.0-2.5

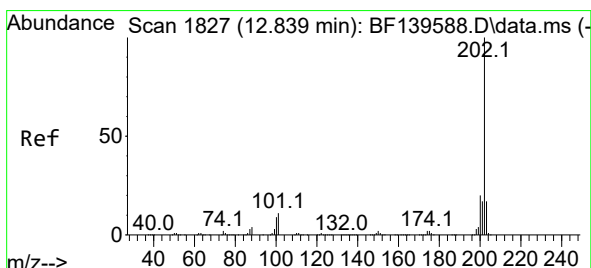
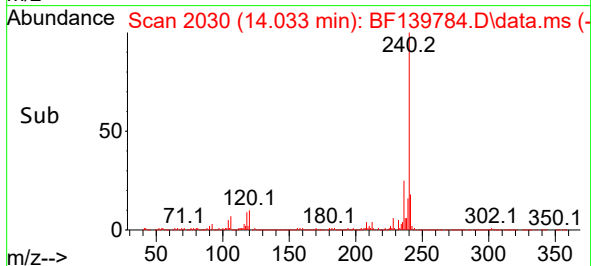
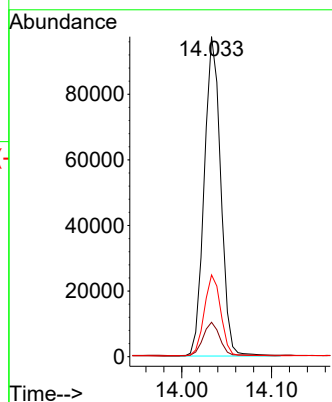
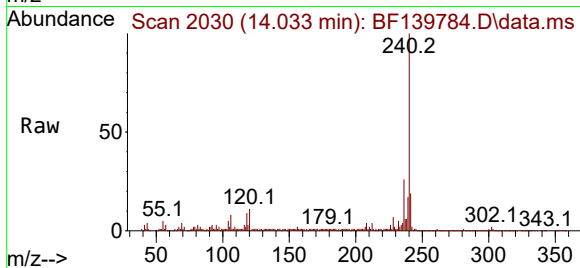
Tgt Ion:240 Resp: 124604

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

236 25.6 20.3 30.5



#78

Pyrene

Concen: 3.095 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139784.D

Acq: 11 Oct 2024 19:37

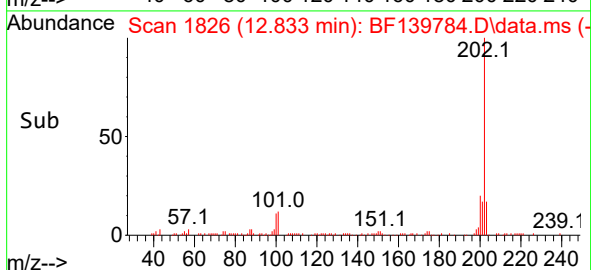
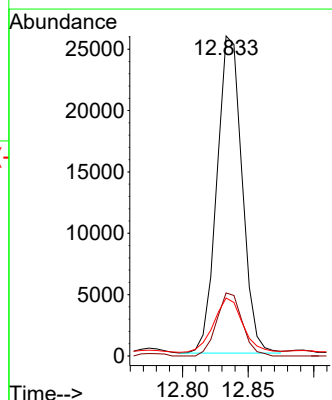
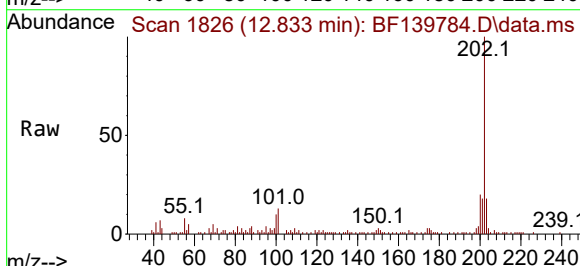
Tgt Ion:202 Resp: 34489

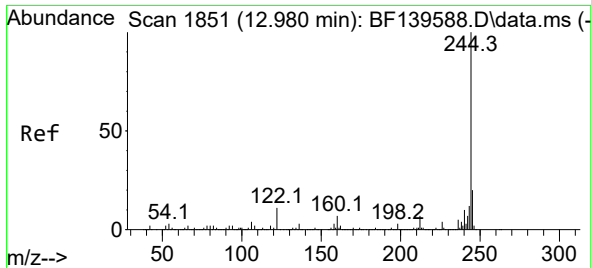
Ion Ratio Lower Upper

202 100

200 19.7 15.8 23.6

203 18.1 13.8 20.8

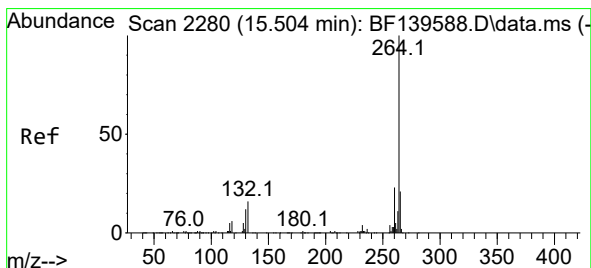
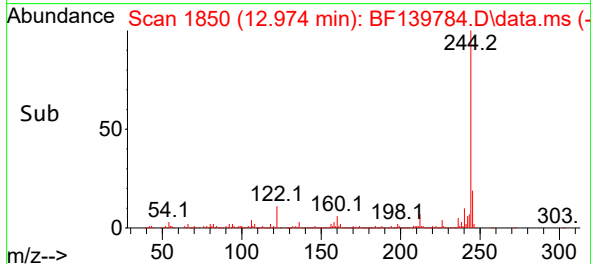
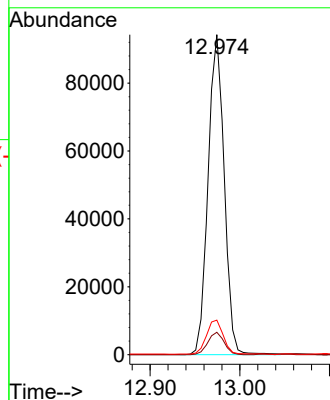
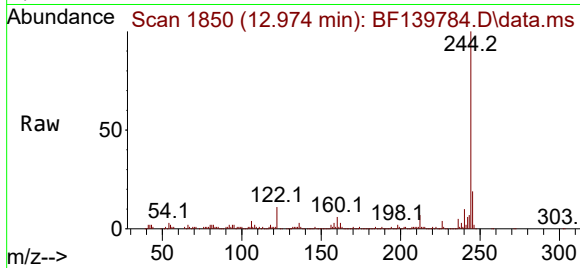




#79
 Terphenyl-d14
 Concen: 15.509 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139784.D
 Acq: 11 Oct 2024 19:37

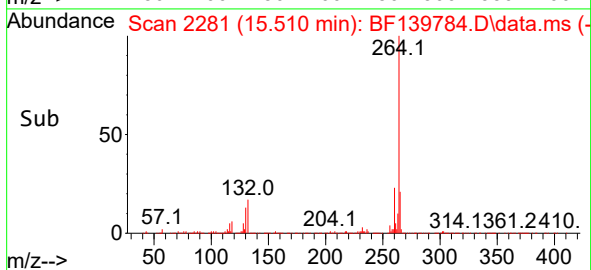
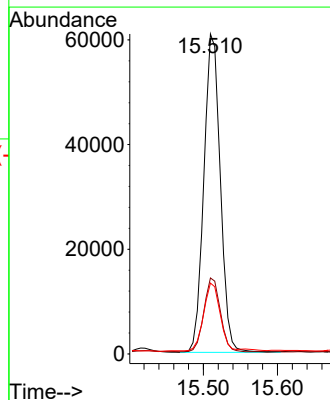
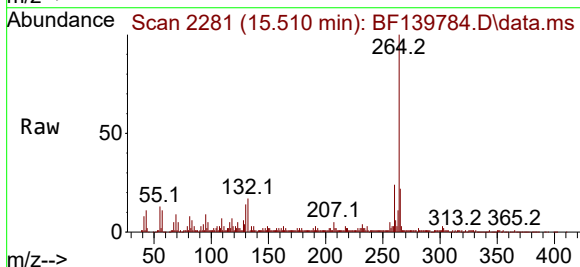
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-2.0-2.5

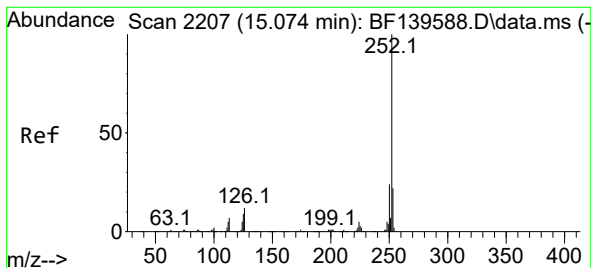
Tgt Ion:244 Resp: 117776
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: BF139784.D
 Acq: 11 Oct 2024 19:37

Tgt Ion:264 Resp: 93962
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 22.2 16.9 25.3





#88

Benzo(b)fluoranthene

Concen: 2.371 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF139784.D

Acq: 11 Oct 2024 19:37

Instrument :

BNA_F

ClientSampleId :

SB-03-2.0-2.5

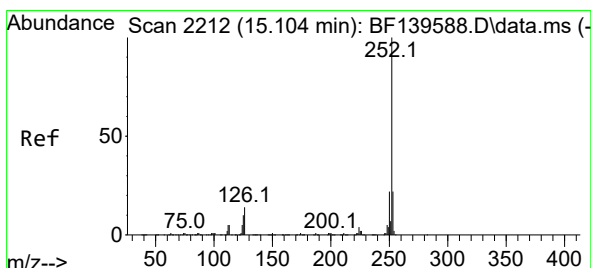
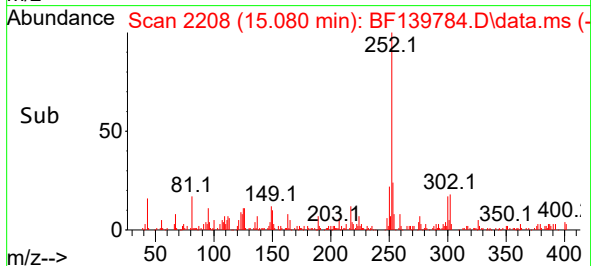
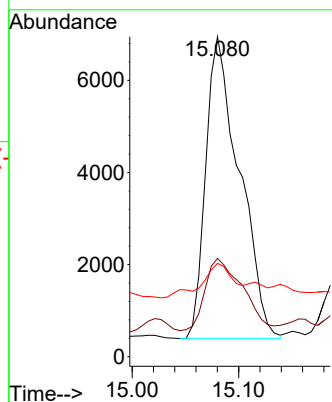
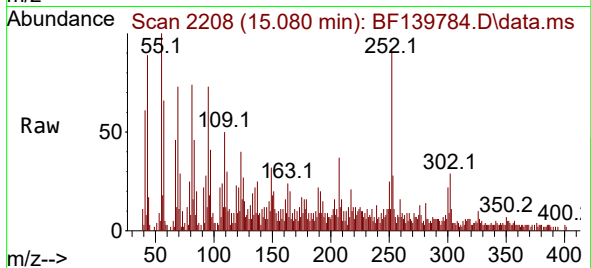
Tgt Ion:252 Resp: 14402

Ion Ratio Lower Upper

252 100

253 30.7 17.4 26.0#

125 29.2 7.4 11.0#



#89

Benzo(k)fluoranthene

Concen: 2.795 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.024 min

Lab File: BF139784.D

Acq: 11 Oct 2024 19:37

Tgt Ion:252 Resp: 14402

Ion Ratio Lower Upper

252 100

253 30.7 17.5 26.3#

125 29.2 7.6 11.4#

