

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)

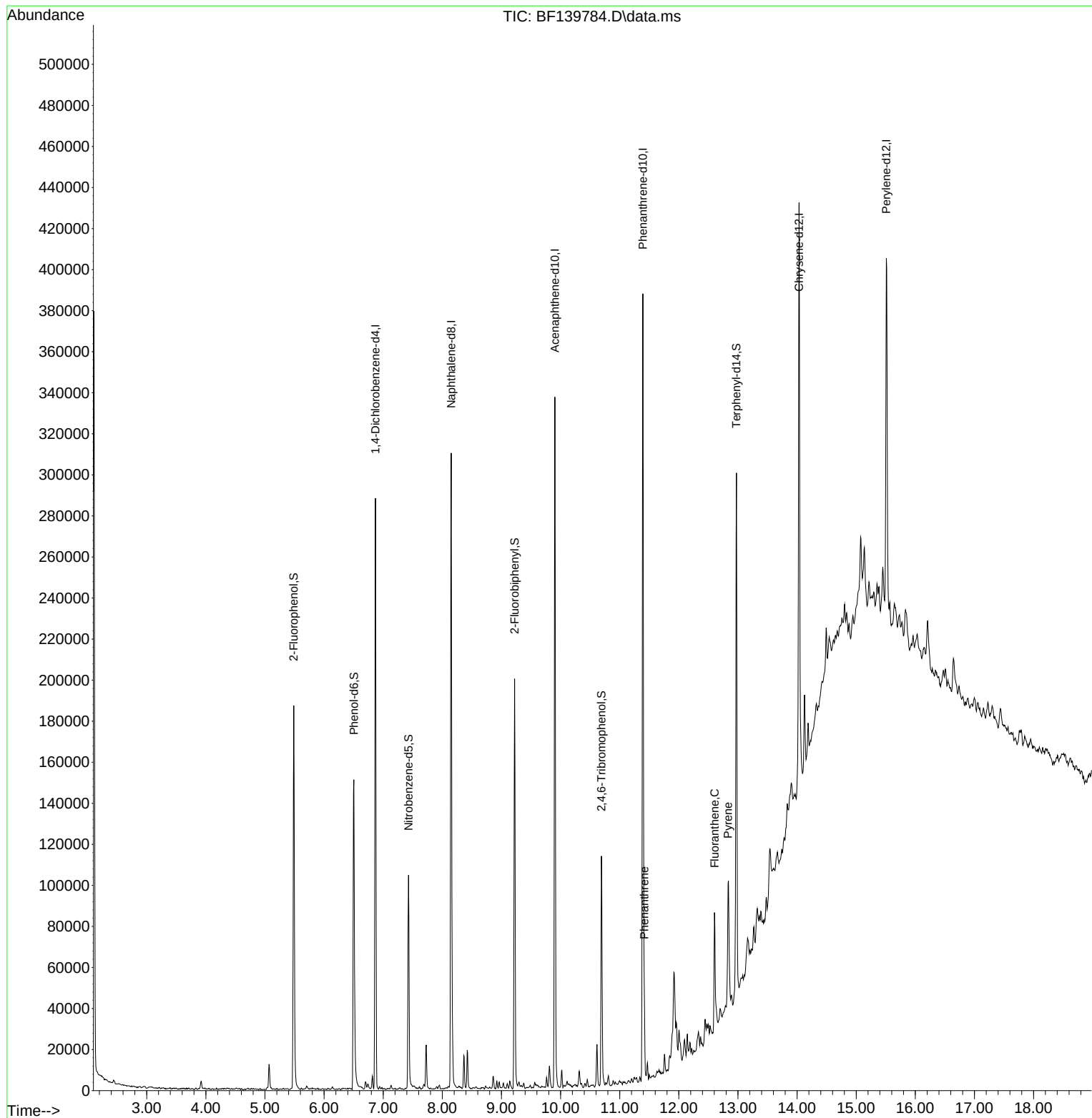
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	58355	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	188402	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	96219	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	202295	20.000	ng	0.00
76) Chrysene-d12	14.033	240	124604	20.000	ng	0.00
86) Perylene-d12	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
71) Phenanthrene	11.416	178	20496	2.149	ng	97
75) Fluoranthene	12.604	202	31501	3.021	ng	97
78) Pyrene	12.833	202	34489	3.095	ng	99

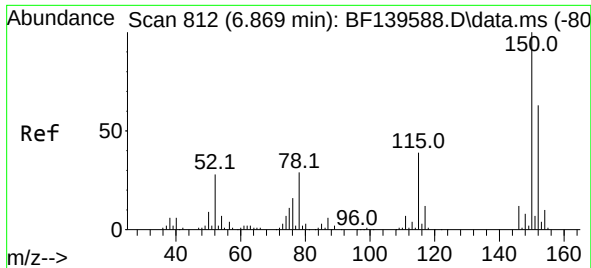
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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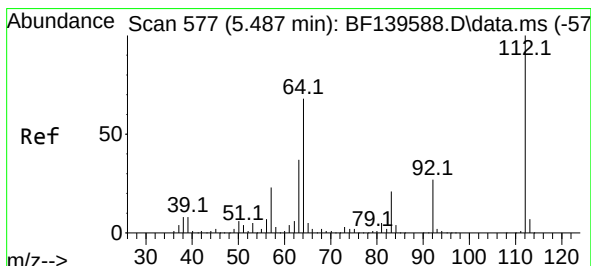
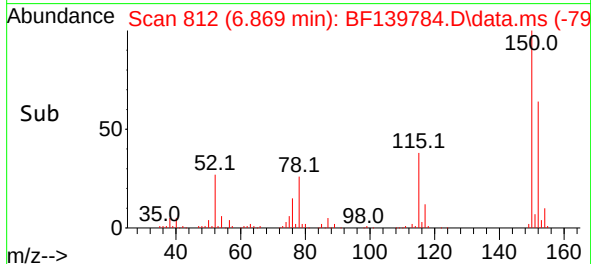
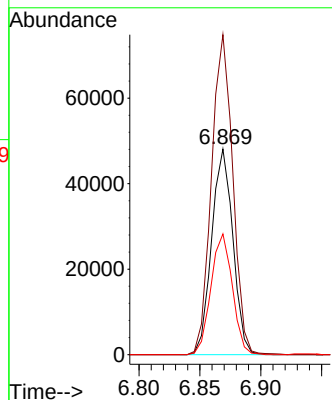
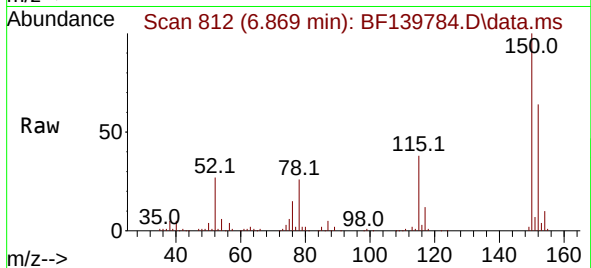




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

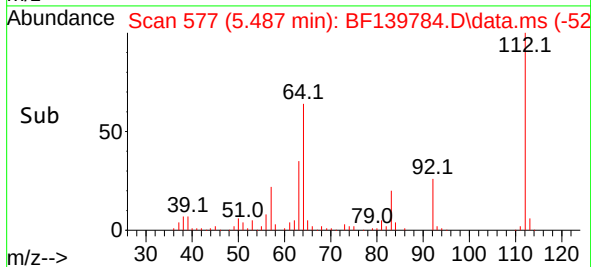
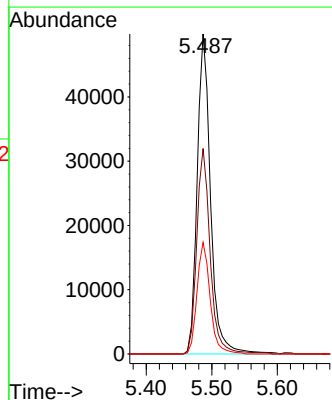
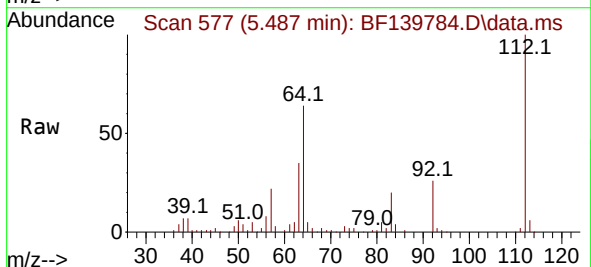
Instrument :
BNA_F
ClientSampleId :
SB-03-2.0-2.5

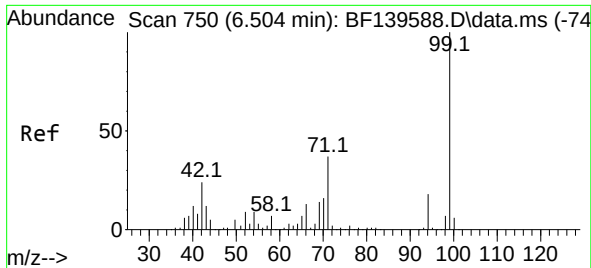
Tgt Ion:152 Resp: 58355
Ion Ratio Lower Upper
152 100
150 155.7 127.2 190.8
115 58.8 49.0 73.4



#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

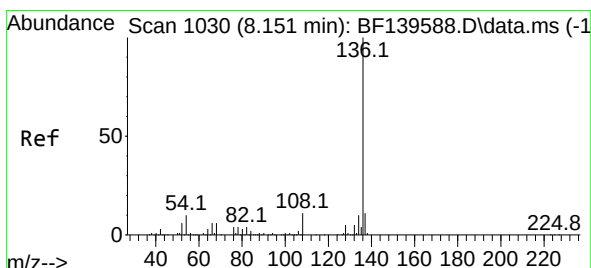
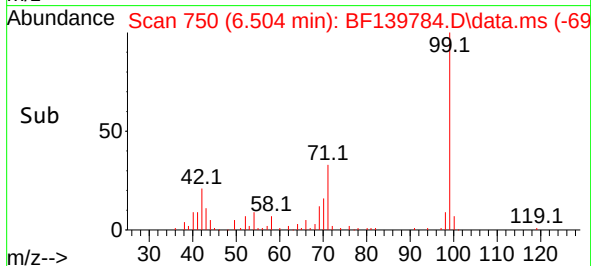
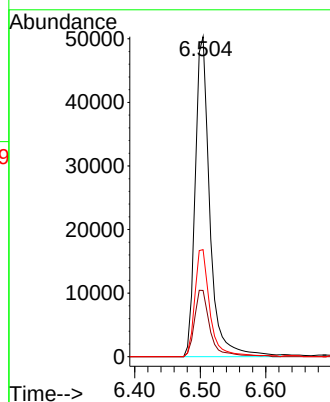
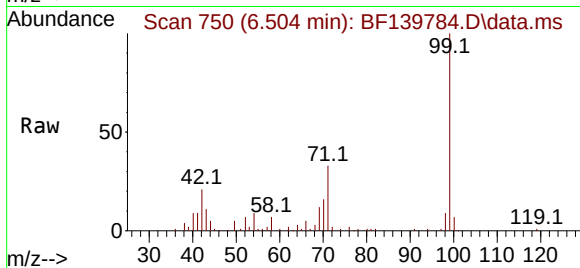




#7
Phenol-d6
Concen: 17.273 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

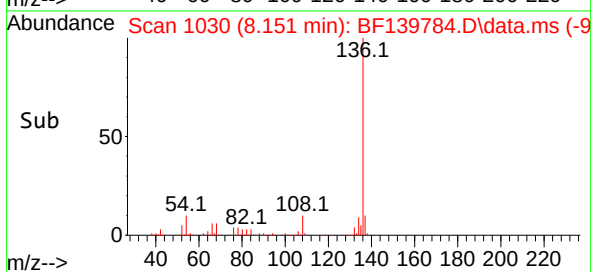
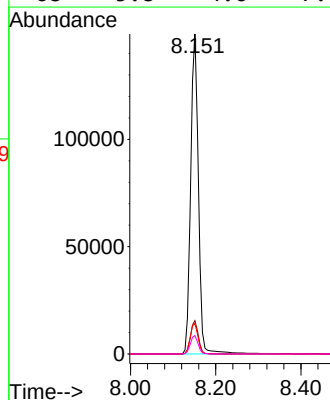
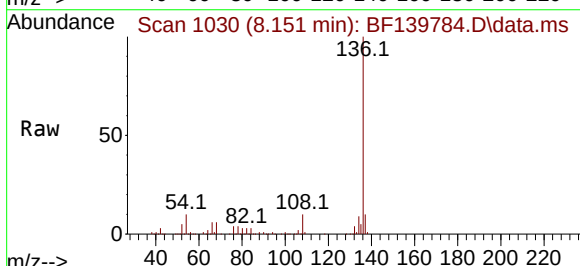
Instrument :
BNA_F
ClientSampleId :
SB-03-2.0-2.5

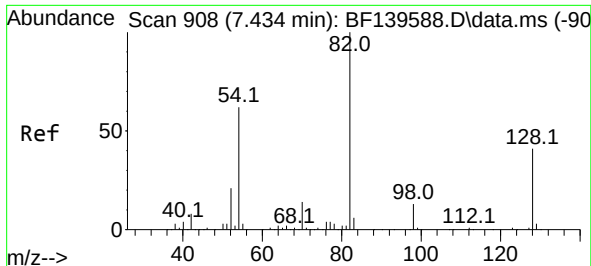
Tgt Ion: 99	Resp: 78207
Ion Ratio	Lower Upper
99 100	
42 20.7	19.1 28.7
71 33.5	29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

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# 908

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

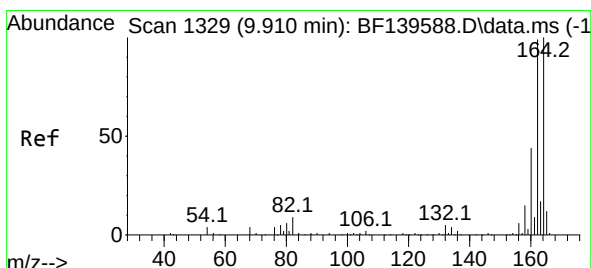
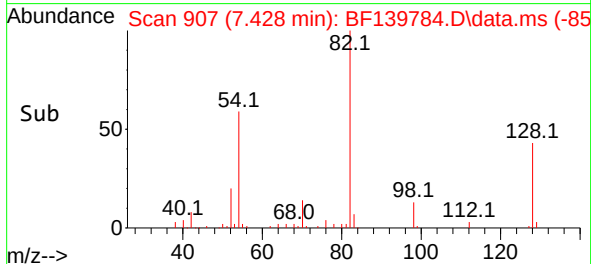
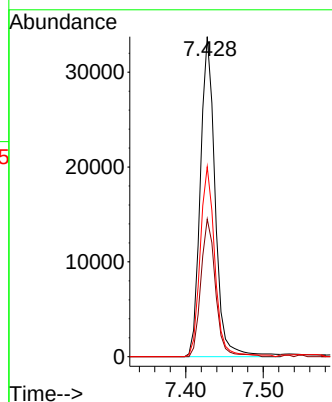
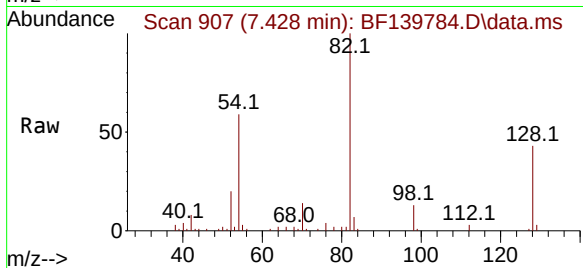
Tgt Ion: 82 Resp: 44789

Ion Ratio Lower Upper

82 100

128 43.0 32.4 48.6

54 59.4 49.1 73.7



#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

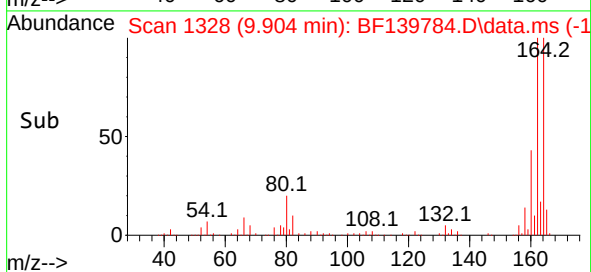
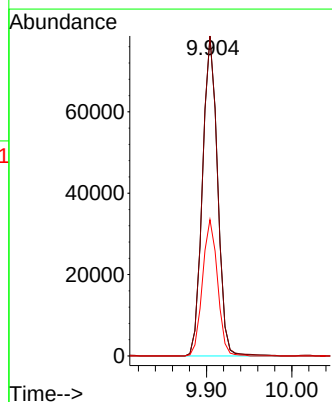
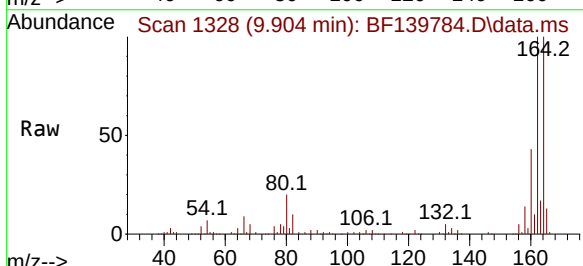
Tgt Ion:164 Resp: 96219

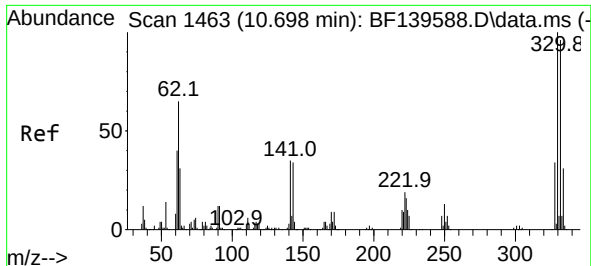
Ion Ratio Lower Upper

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

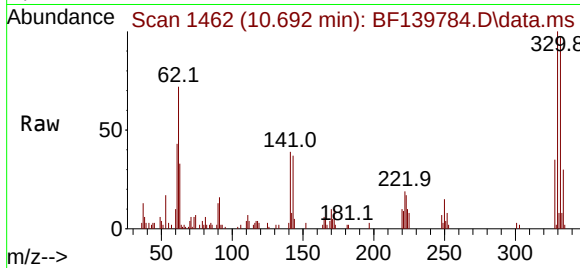
Acq: 11 Oct 2024 19:37

Instrument :

BNA_F

ClientSampleId :

SB-03-2.0-2.5



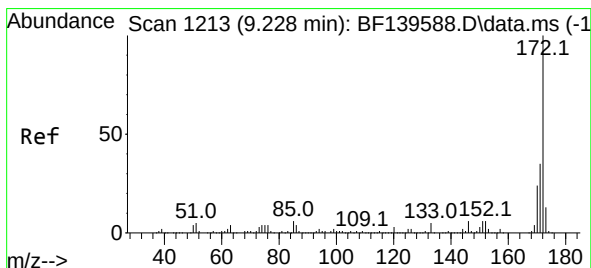
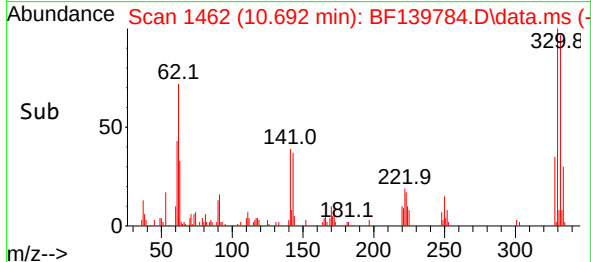
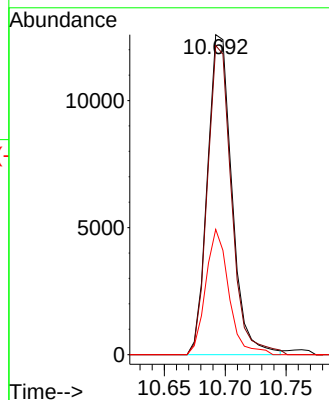
Tgt Ion:330 Resp: 17648

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

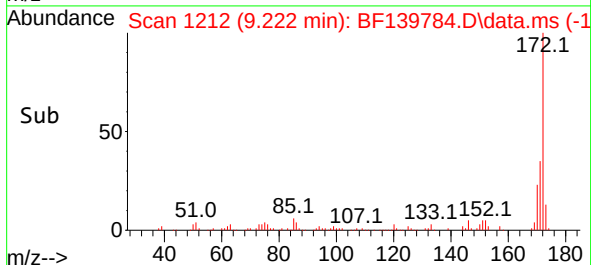
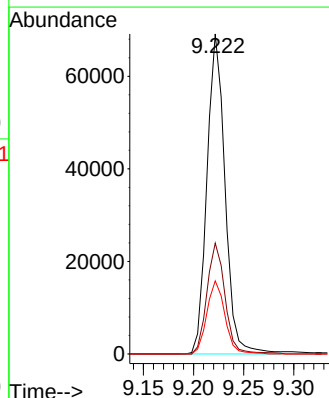
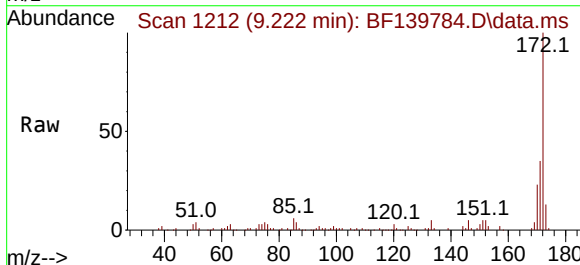
Tgt Ion:172 Resp: 86852

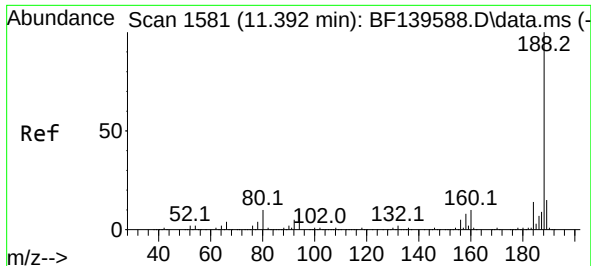
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.4

170 22.8 18.8 28.2

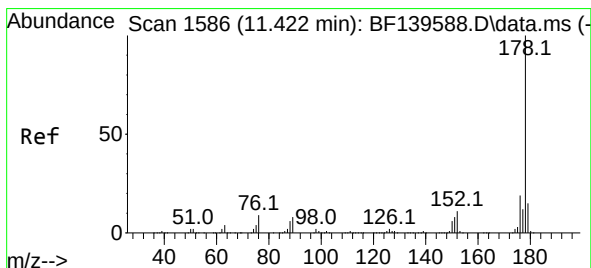
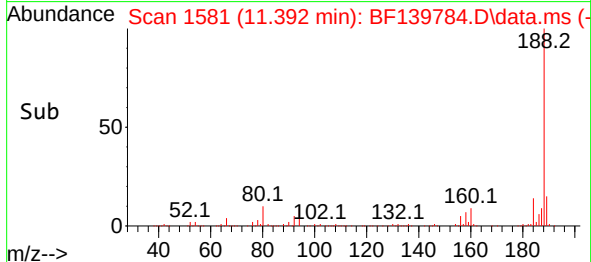
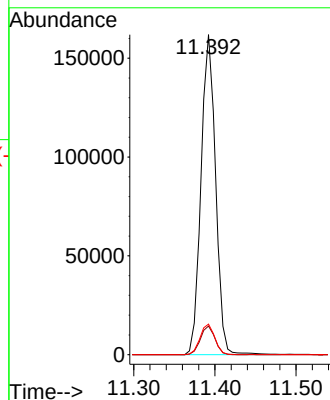
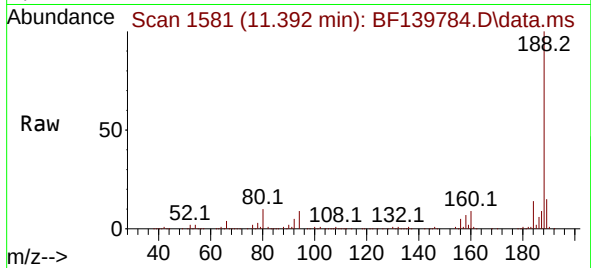




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

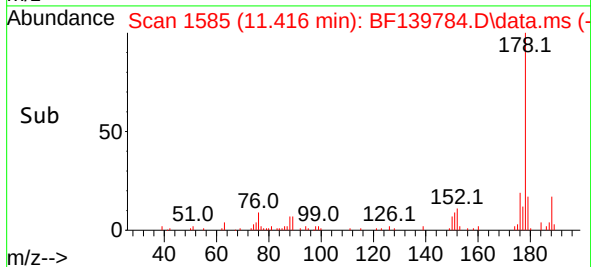
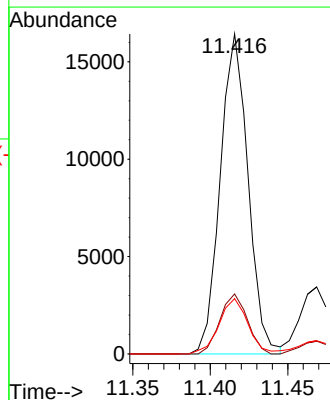
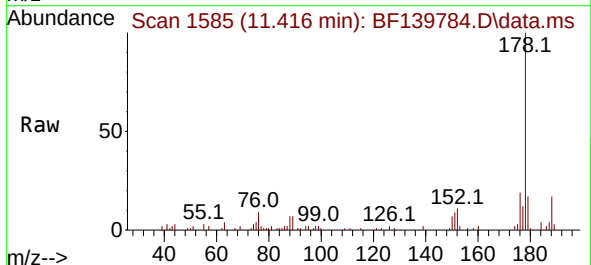
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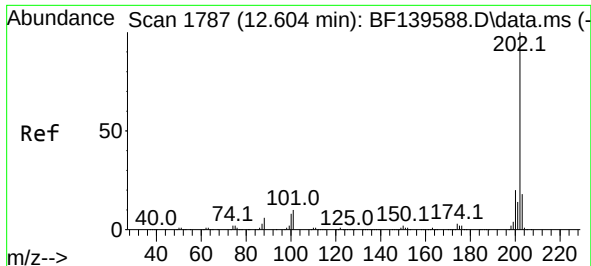
Tgt Ion:188 Resp: 202295
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.5 8.2 12.2



#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

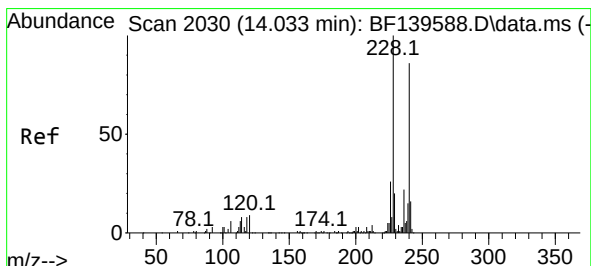
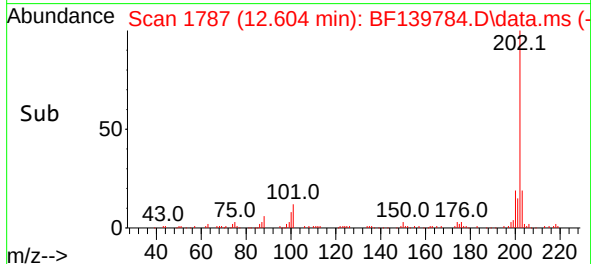
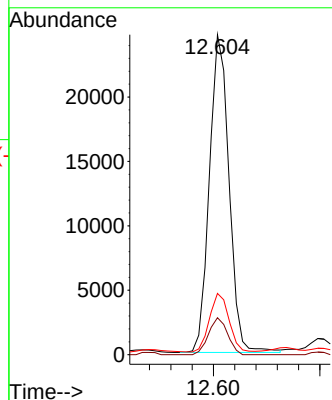
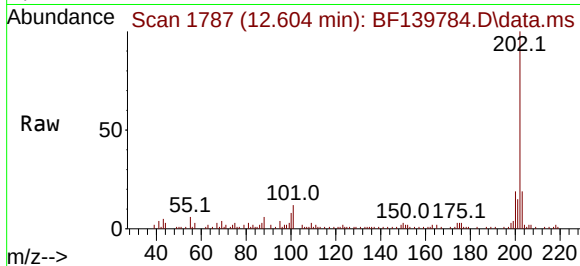




#75
Fluoranthene
Concen: 3.021 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

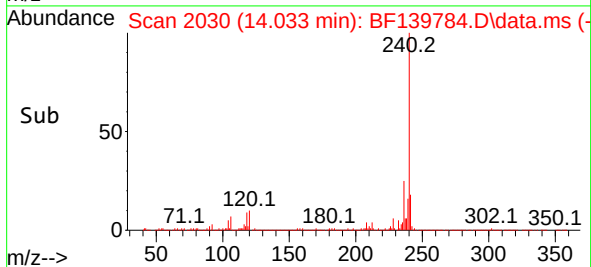
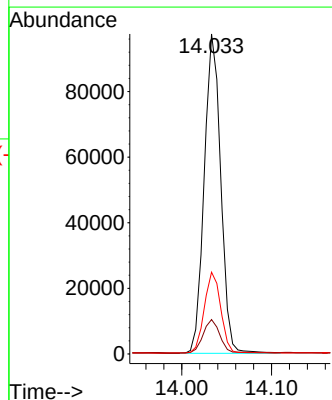
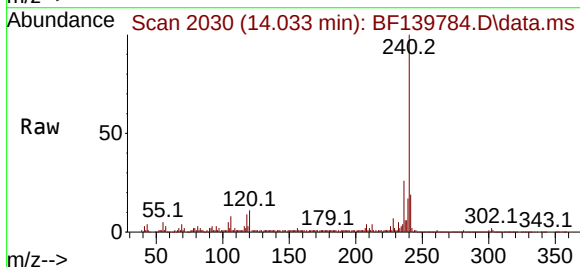
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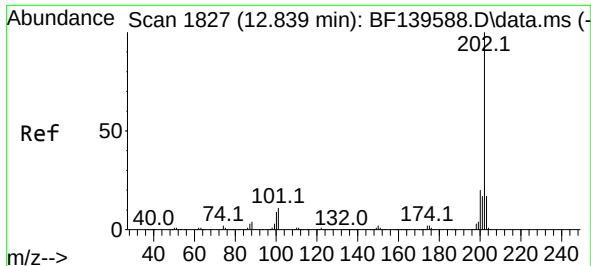
Tgt Ion:202 Resp: 31501
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.2
203 19.2 0.0 37.7



#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

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

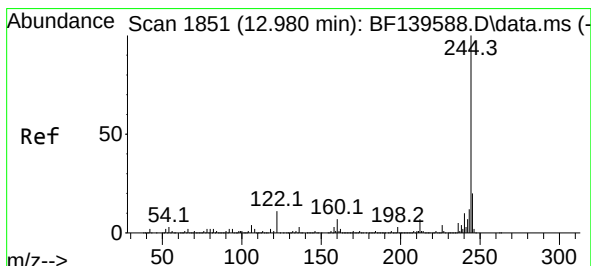
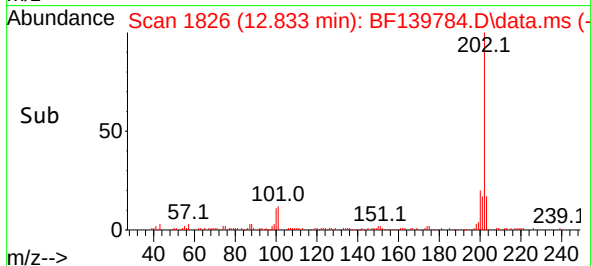
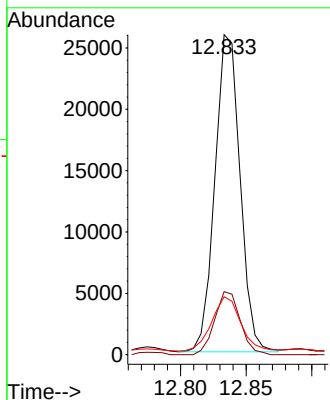
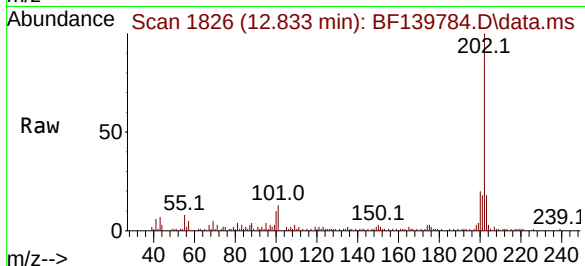




#78
Pyrene
Concen: 3.095 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139784.D
Acq: 11 Oct 2024 19:37

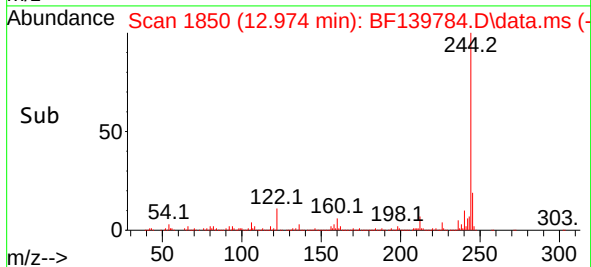
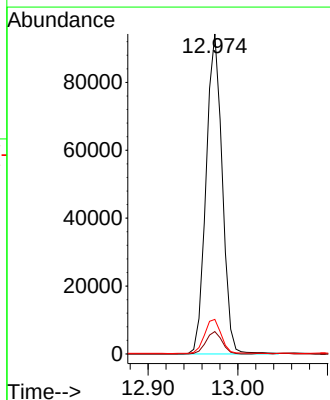
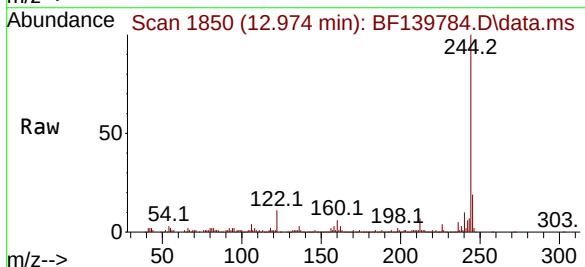
Instrument :
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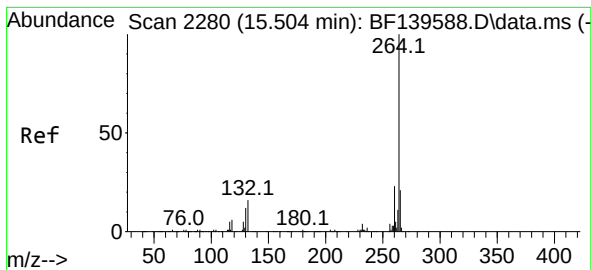
Tgt Ion:202 Resp: 34489
Ion Ratio Lower Upper
202 100
200 19.7 15.8 23.6
203 18.1 13.8 20.8



#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

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# 21
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:264 Resp: 93962
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.2 16.9 25.3

