

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139887.D
 Acq On : 19 Oct 2024 22:31
 Operator : RC/JU
 Sample : P4426-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-3

Quant Time: Oct 21 01:45:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	201874	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	725305	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	339096	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	498866	20.000	ng	0.00
76) Chrysene-d12	14.051	240	384159	20.000	ng	0.00
86) Perylene-d12	15.527	264	273829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	355810	27.592	ng	0.00
7) Phenol-d6	6.498	99	686449	41.101	ng	-0.01
23) Nitrobenzene-d5	7.445	82	614221	46.935	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	46679	14.717	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1080697	52.671	ng	0.00
79) Terphenyl-d14	12.998	244	983508	41.717	ng	0.00

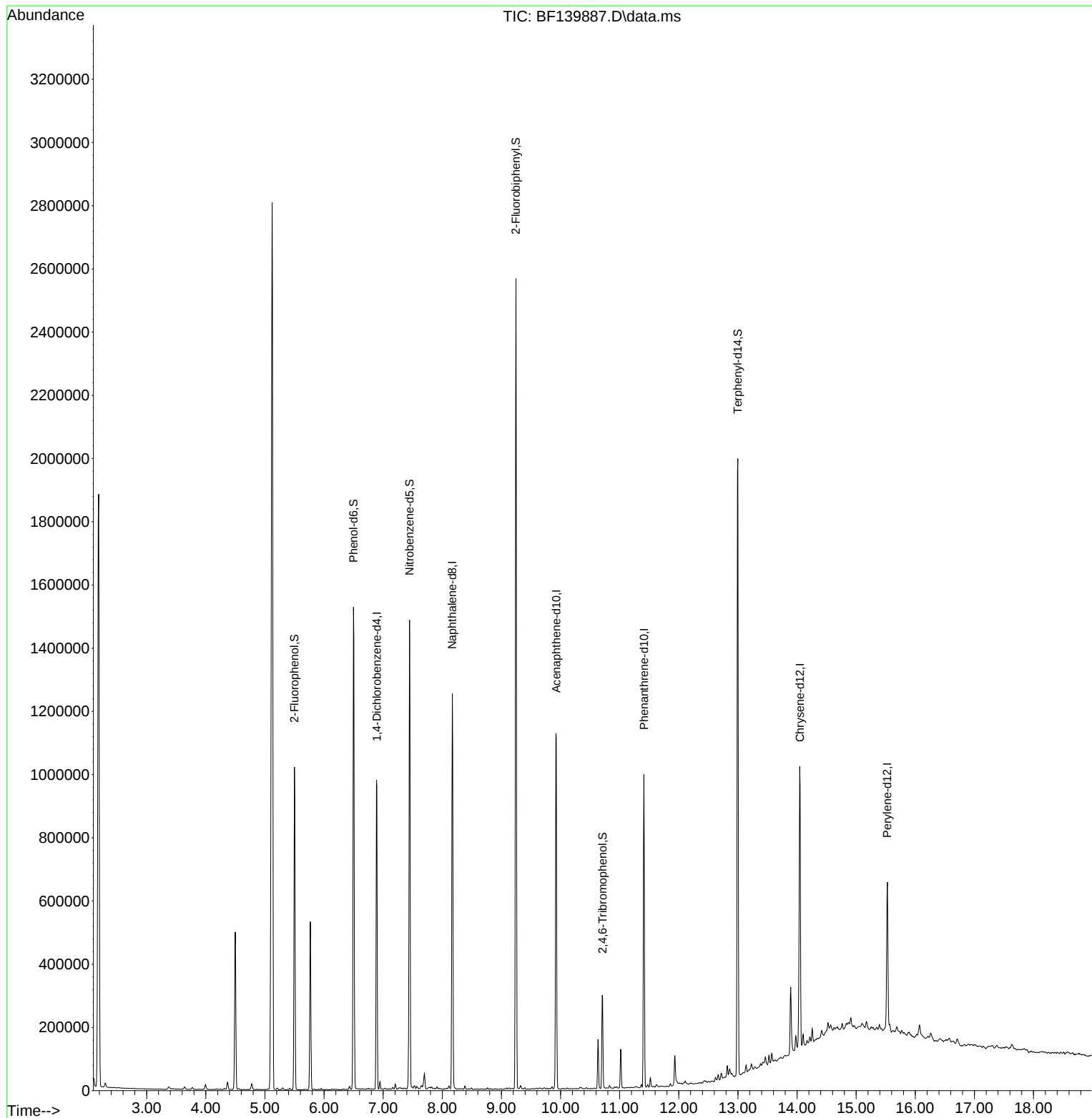
Target Compounds	Qvalue

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

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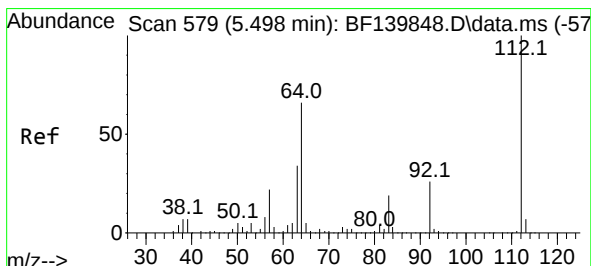
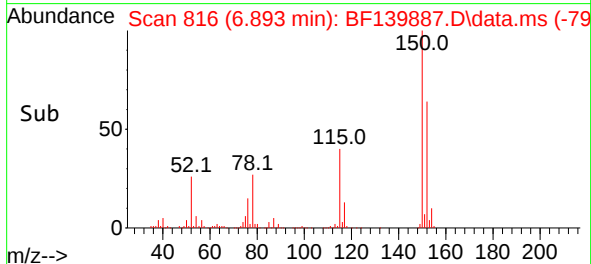
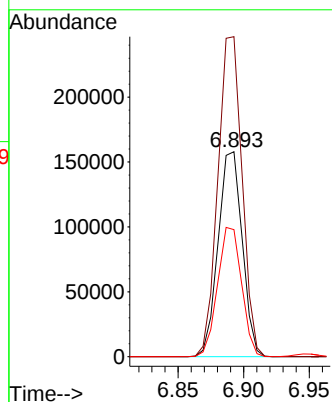
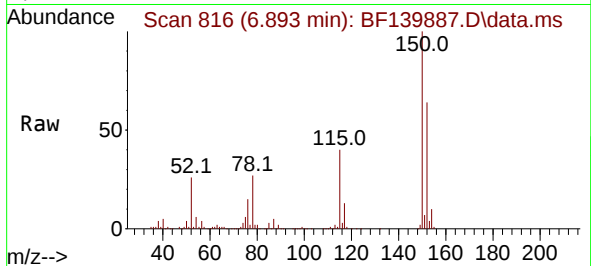




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139887.D
Acq: 19 Oct 2024 22:31

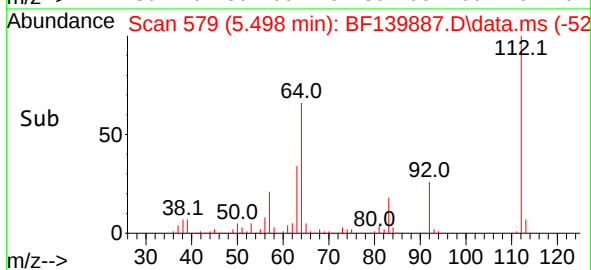
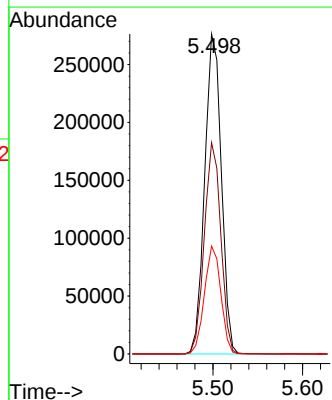
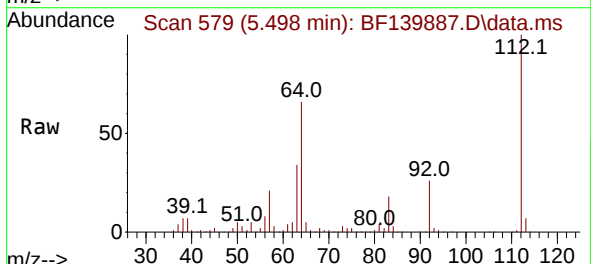
Instrument :
BNA_F
ClientSampleId :
PAD-3

Tgt Ion:152 Resp: 201874
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.2
115 62.0 51.4 77.2



#5
2-Fluorophenol
Concen: 27.592 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139887.D
Acq: 19 Oct 2024 22:31

Tgt Ion:112 Resp: 355810
Ion Ratio Lower Upper
112 100
64 66.1 53.0 79.6
63 33.7 27.0 40.4

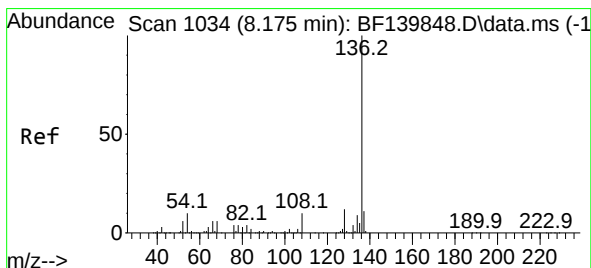
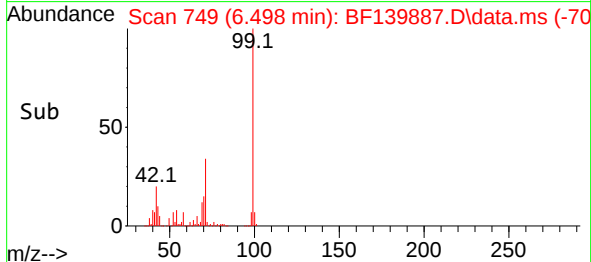
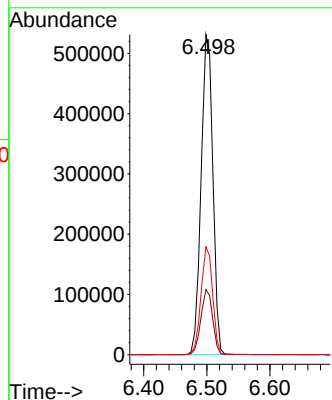
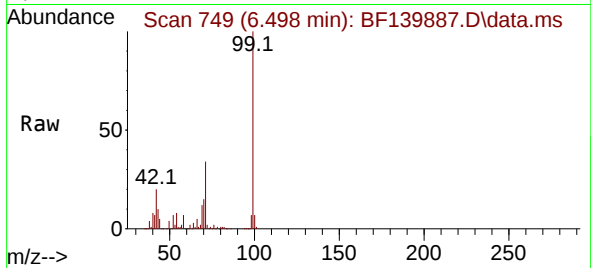




#7
Phenol-d6
Concen: 41.101 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139887.D
Acq: 19 Oct 2024 22:31

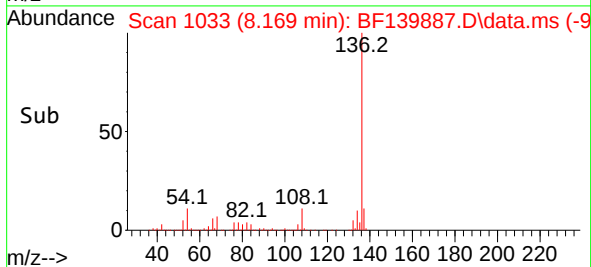
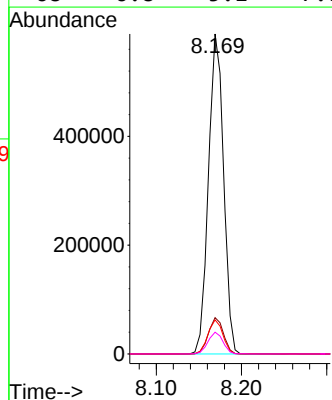
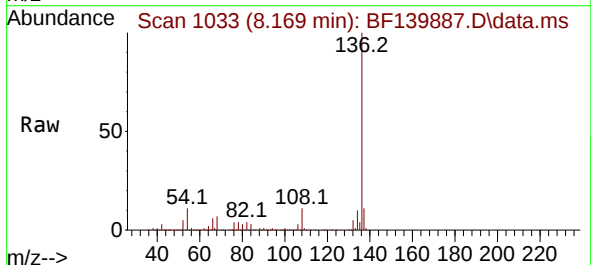
Instrument :
BNA_F
ClientSampleId :
PAD-3

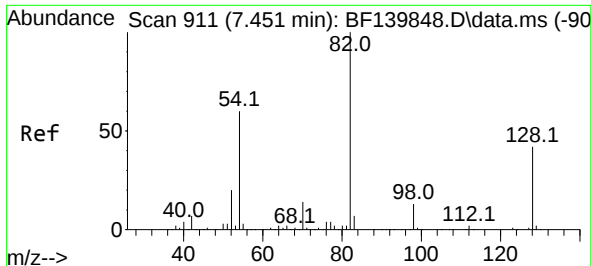
Tgt Ion: 99 Resp: 686449
Ion Ratio Lower Upper
99 100
42 20.4 16.7 25.1
71 33.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139887.D
Acq: 19 Oct 2024 22:31

Tgt Ion: 136 Resp: 725305
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.7 8.4 12.6
68 6.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 46.935 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139887.D

Acq: 19 Oct 2024 22:31

Instrument :

BNA_F

ClientSampleId :

PAD-3

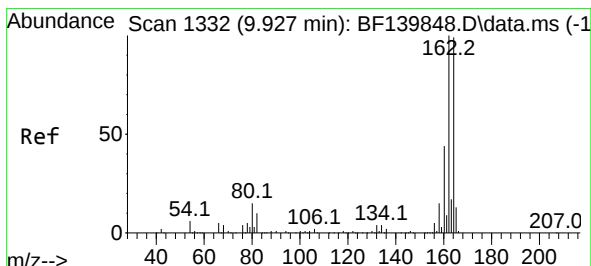
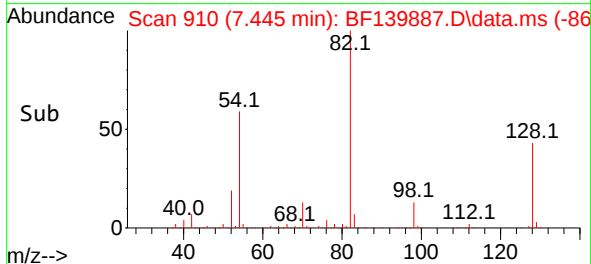
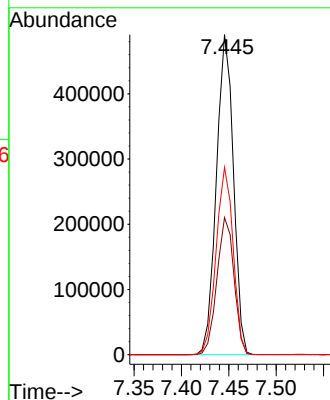
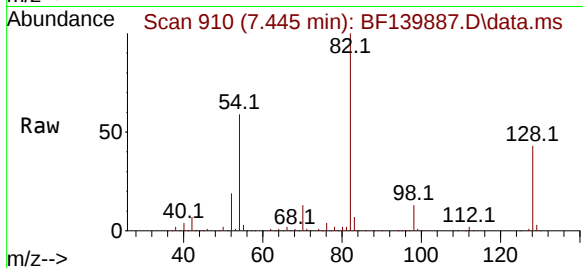
Tgt Ion: 82 Resp: 614221

Ion Ratio Lower Upper

82 100

128 42.8 33.4 50.0

54 58.6 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

Delta R.T. 0.001 min

Lab File: BF139887.D

Acq: 19 Oct 2024 22:31

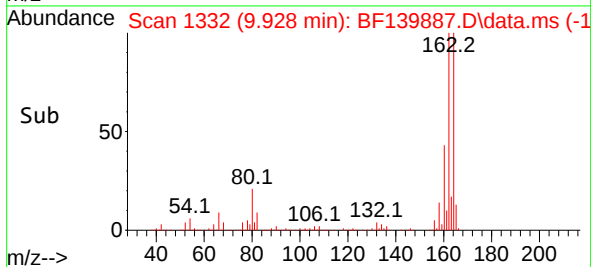
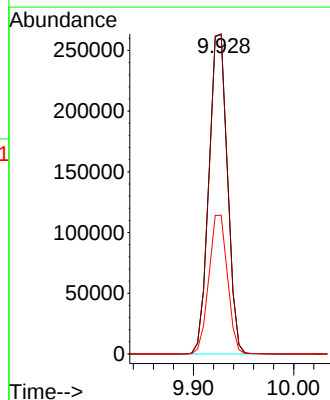
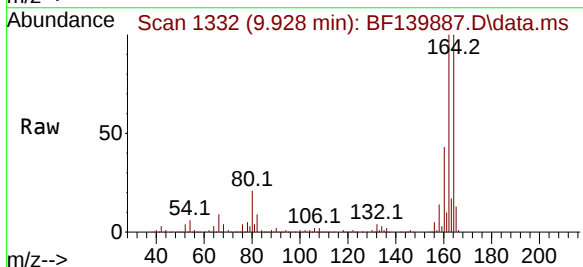
Tgt Ion:164 Resp: 339096

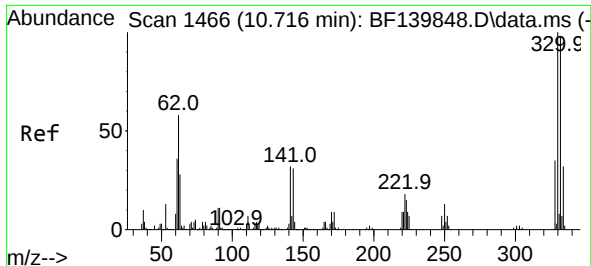
Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.4

160 43.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 14.717 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139887.D

Acq: 19 Oct 2024 22:31

Instrument :

BNA_F

ClientSampleId :

PAD-3

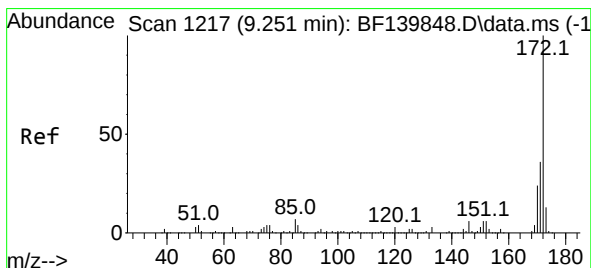
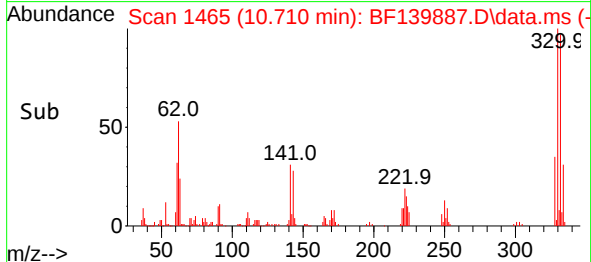
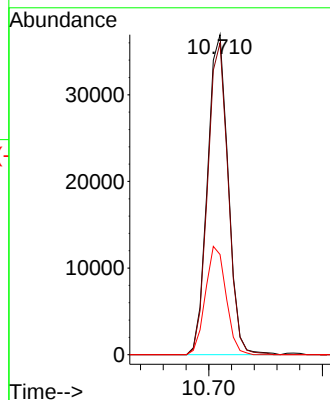
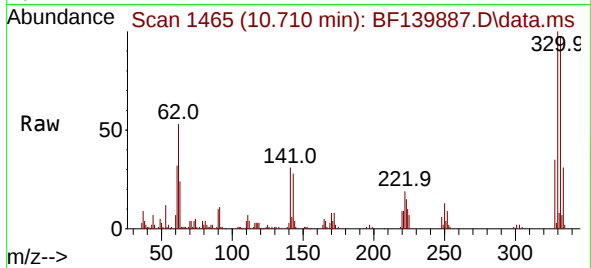
Tgt Ion:330 Resp: 46679

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 33.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 52.671 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139887.D

Acq: 19 Oct 2024 22:31

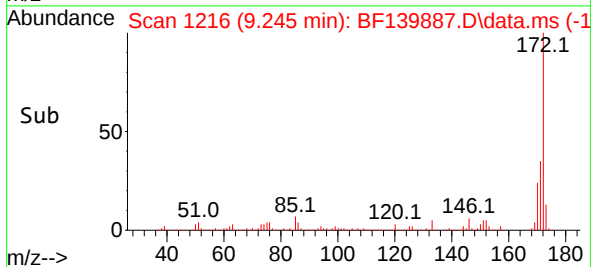
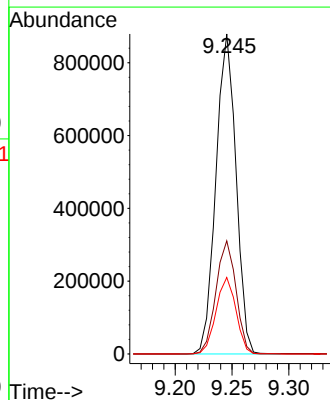
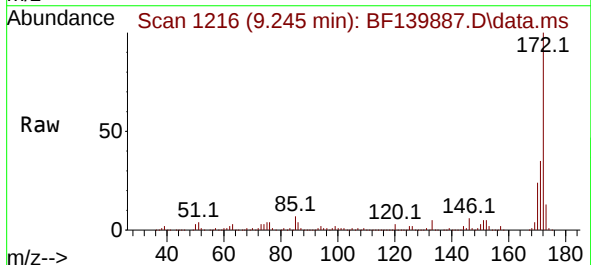
Tgt Ion:172 Resp: 1080697

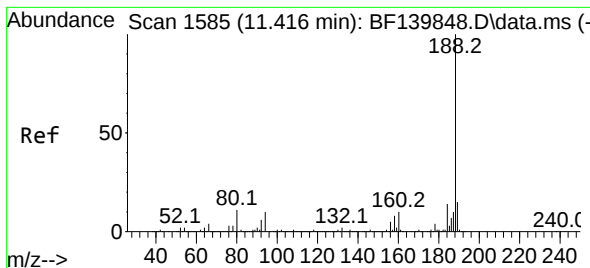
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139887.D

Acq: 19 Oct 2024 22:31

Instrument :

BNA_F

ClientSampleId :

PAD-3

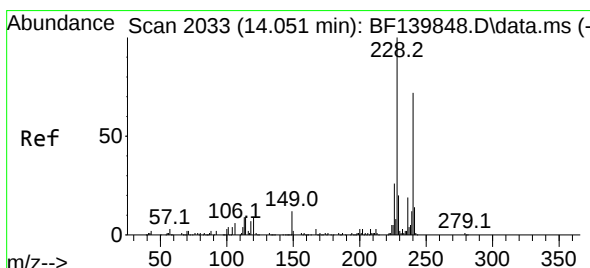
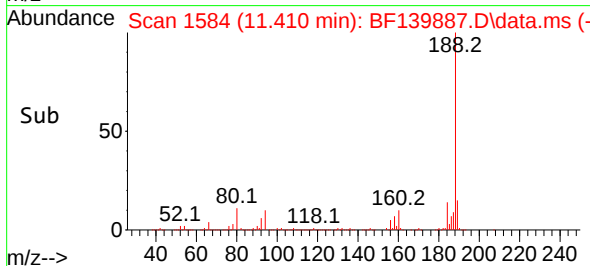
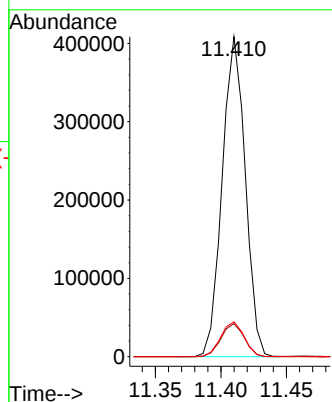
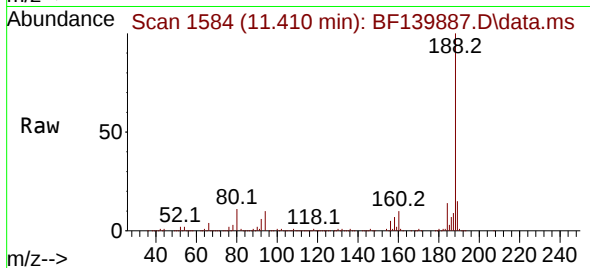
Tgt Ion:188 Resp: 498866

Ion Ratio Lower Upper

188 100

94 10.4 7.9 11.9

80 10.9 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139887.D

Acq: 19 Oct 2024 22:31

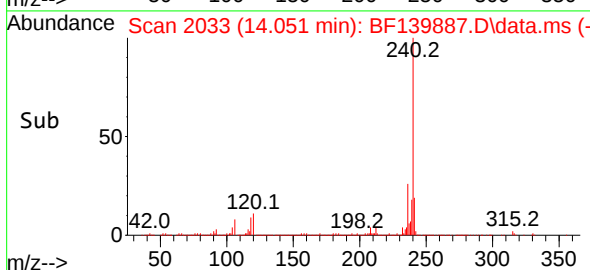
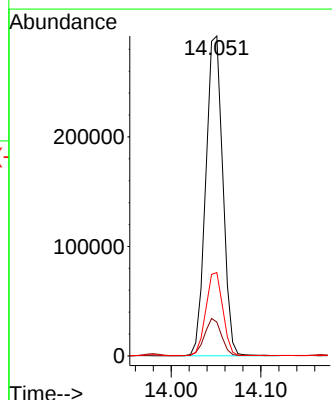
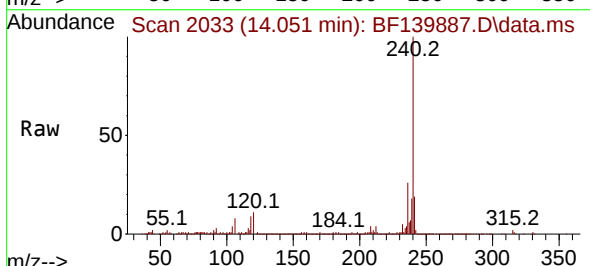
Tgt Ion:240 Resp: 384159

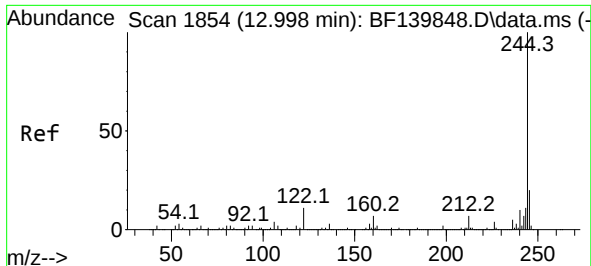
Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

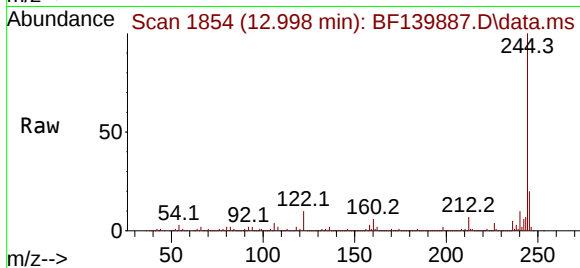
236 26.0 20.9 31.3



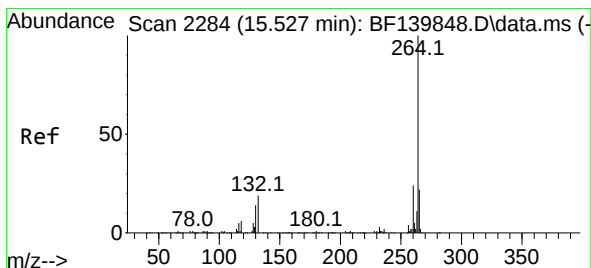
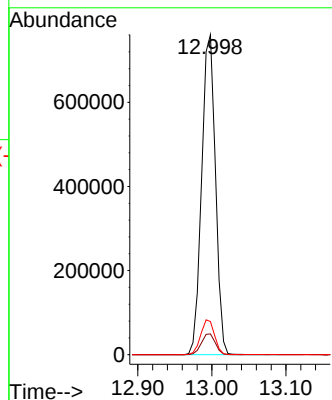
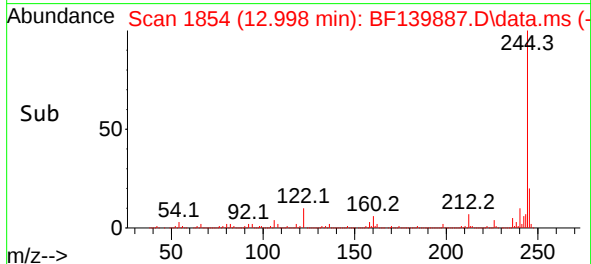


#79
 Terphenyl-d14
 Concen: 41.717 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139887.D
 Acq: 19 Oct 2024 22:31

Instrument :
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 ClientSampleId :
 PAD-3



Tgt Ion:244 Resp: 983508
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 10.4 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF139887.D
 Acq: 19 Oct 2024 22:31

Tgt Ion:264 Resp: 273829
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 20.9 17.4 26.0

