

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139886.D
 Acq On : 19 Oct 2024 22:03
 Operator : RC/JU
 Sample : P4426-23
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-12

Quant Time: Oct 21 01:45:09 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	6.892	152	197123	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	719768	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	338510	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	490725	20.000	ng	0.00
76) Chrysene-d12	14.051	240	235740	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	275588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	255137	20.262	ng	0.00
7) Phenol-d6	6.498	99	549306	33.682	ng	-0.01
23) Nitrobenzene-d5	7.445	82	619594	47.710	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	37990	11.998	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1120435	54.703	ng	0.00
79) Terphenyl-d14	12.998	244	992393	68.596	ng	0.00

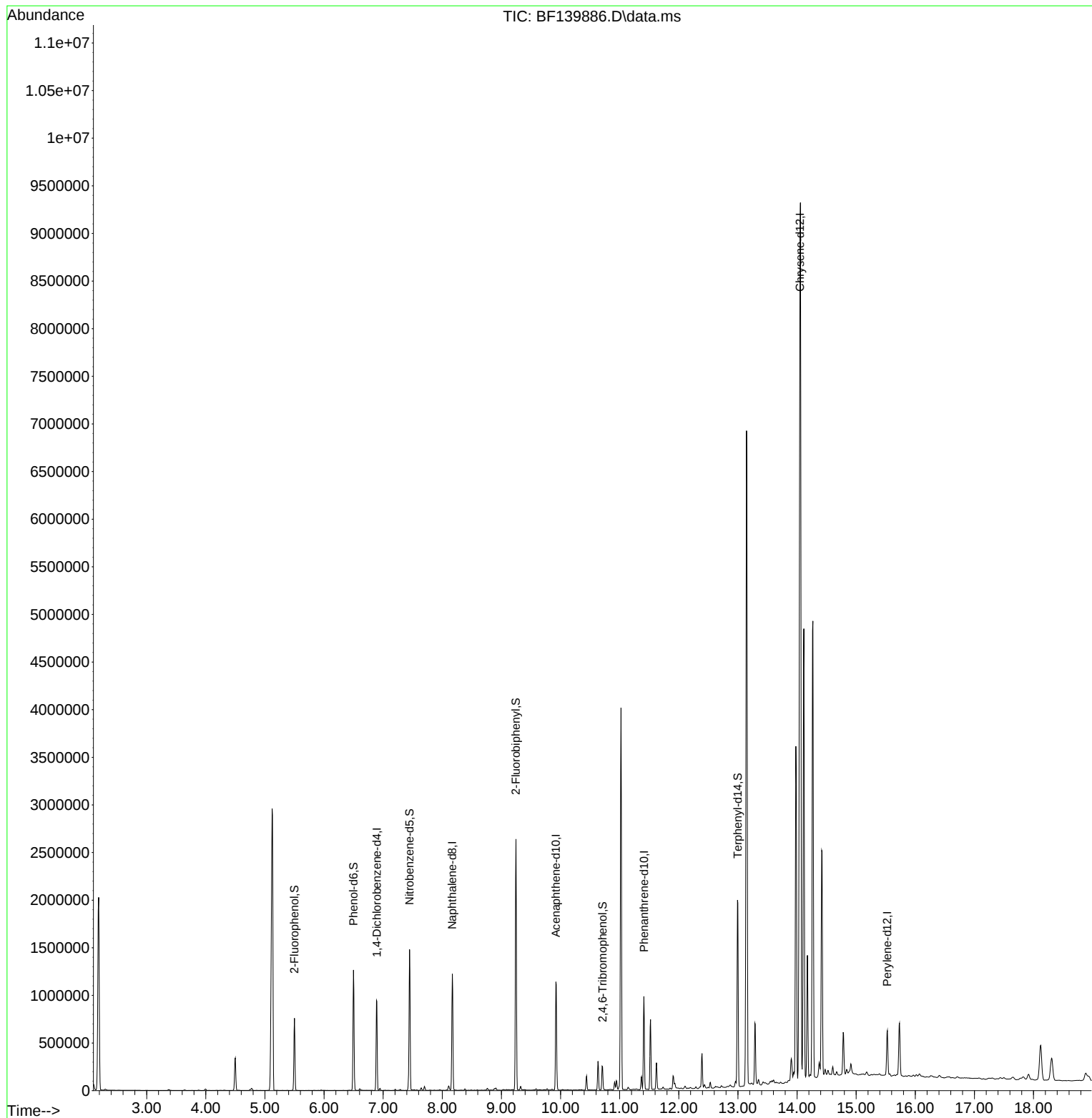
Target Compounds	Qvalue

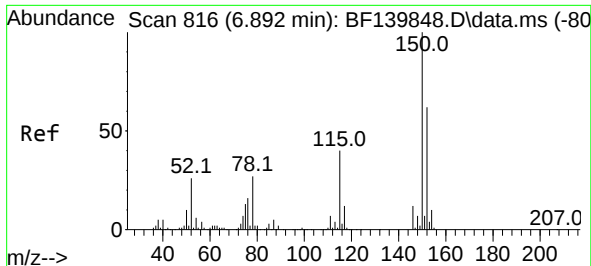
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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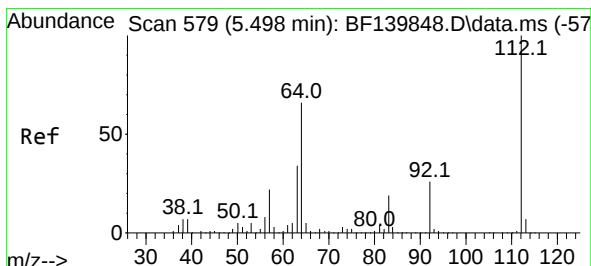
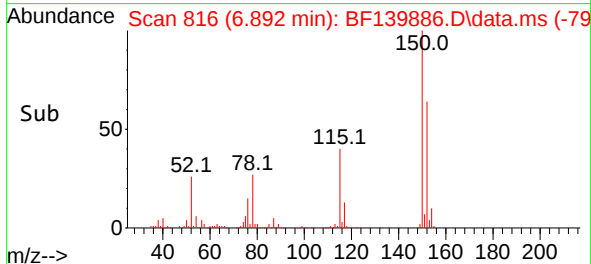
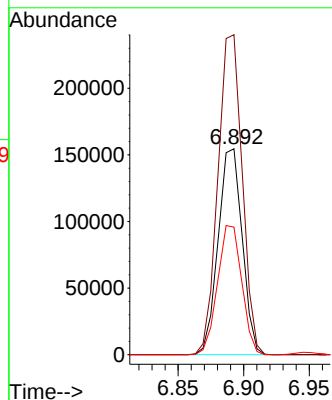
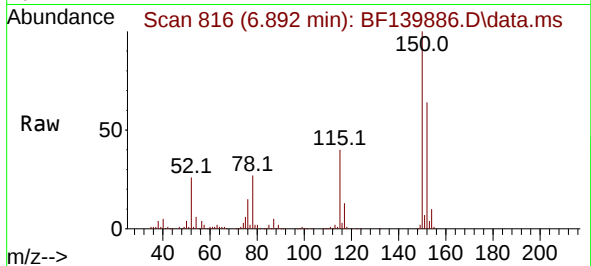




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139886.D
Acq: 19 Oct 2024 22:03

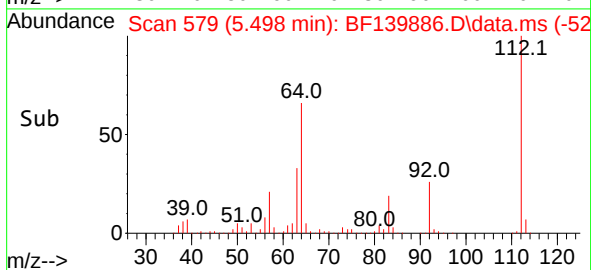
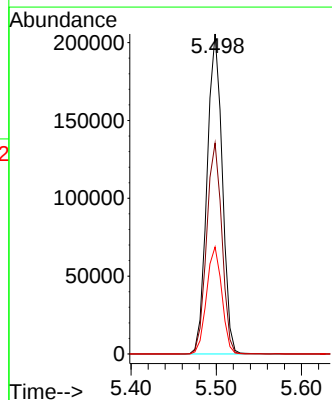
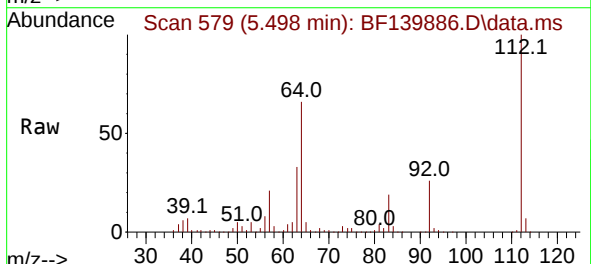
Instrument :
BNA_F
ClientSampleId :
PAD-12

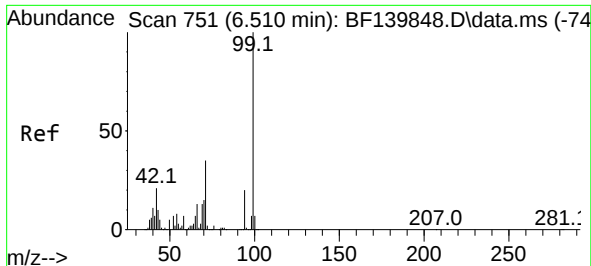
Tgt Ion:152 Resp: 197123
Ion Ratio Lower Upper
152 100
150 155.4 130.2 195.2
115 61.9 51.4 77.2



#5
2-Fluorophenol
Concen: 20.262 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139886.D
Acq: 19 Oct 2024 22:03

Tgt Ion:112 Resp: 255137
Ion Ratio Lower Upper
112 100
64 65.9 53.0 79.6
63 33.5 27.0 40.4

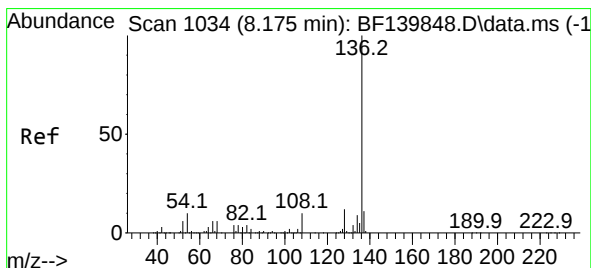
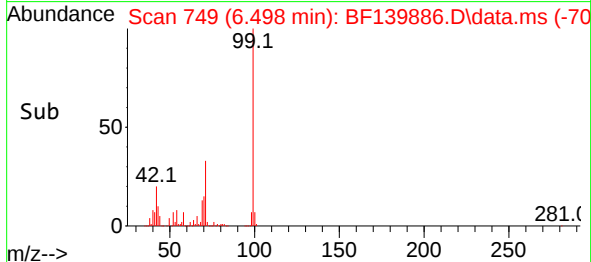
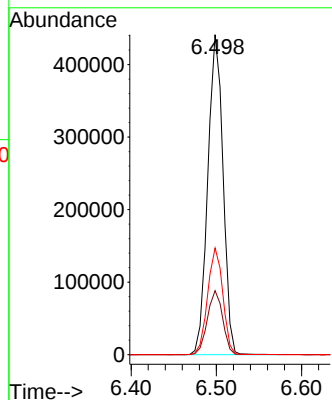
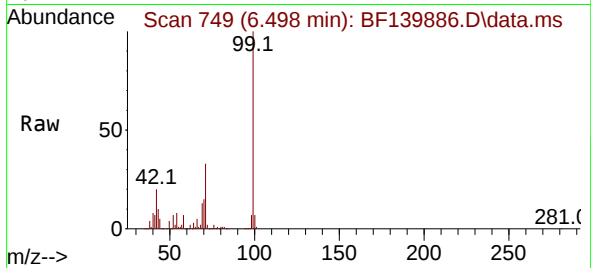




#7
Phenol-d6
Concen: 33.682 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139886.D
Acq: 19 Oct 2024 22:03

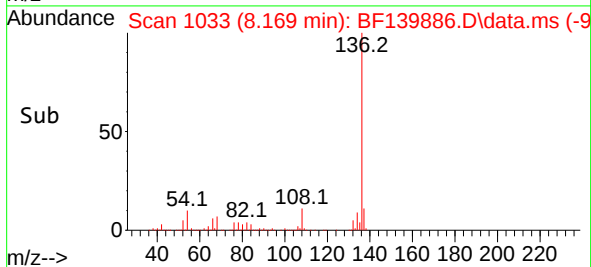
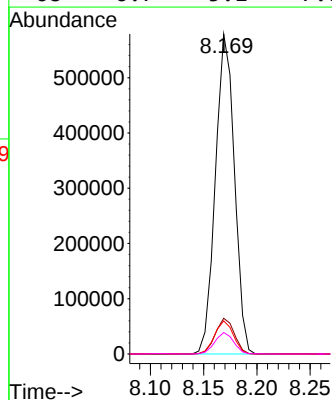
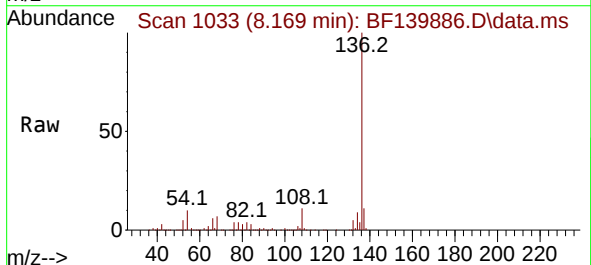
Instrument :
BNA_F
ClientSampleId :
PAD-12

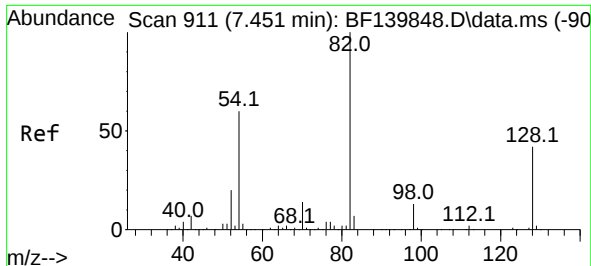
Tgt Ion: 99 Resp: 549306
Ion Ratio Lower Upper
99 100
42 20.0 16.7 25.1
71 33.3 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139886.D
Acq: 19 Oct 2024 22:03

Tgt Ion: 136 Resp: 719768
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 10.3 8.4 12.6
68 6.7 5.1 7.7

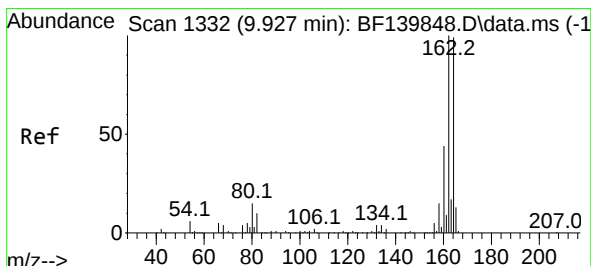
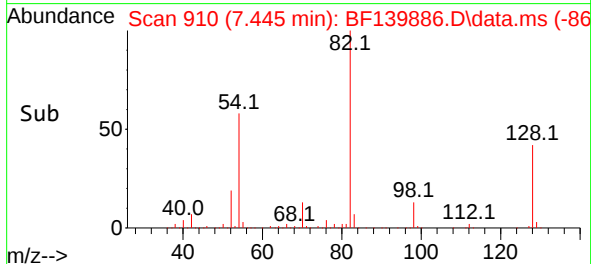
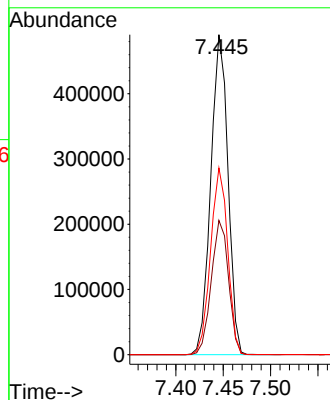
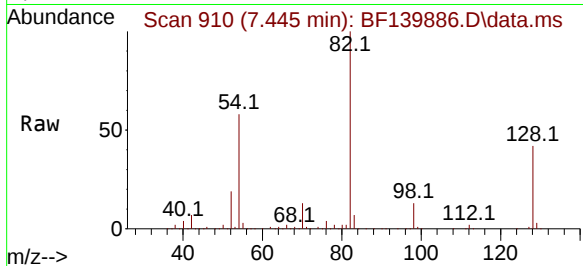




#23
 Nitrobenzene-d5
 Concen: 47.710 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF139886.D
 Acq: 19 Oct 2024 22:03

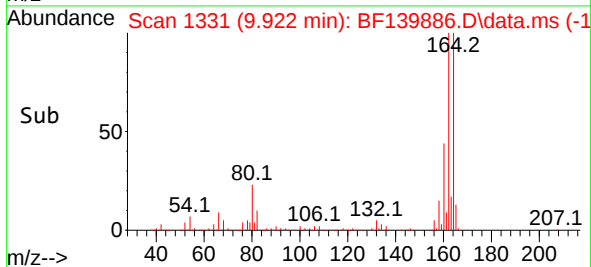
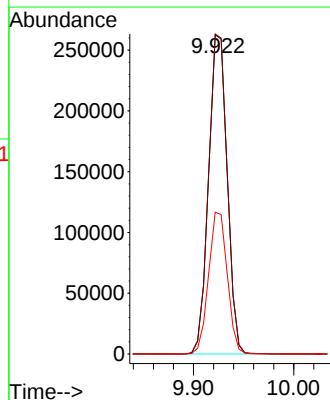
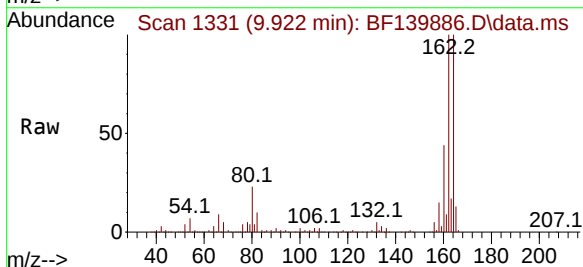
Instrument :
 BNA_F
 ClientSampleId :
 PAD-12

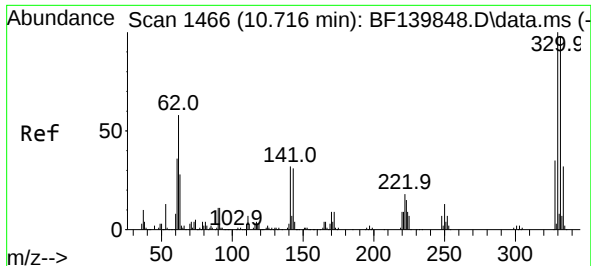
Tgt Ion: 82 Resp: 619594
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.4 50.0
 54 58.4 47.8 71.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.005 min
 Lab File: BF139886.D
 Acq: 19 Oct 2024 22:03

Tgt Ion: 164 Resp: 338510
 Ion Ratio Lower Upper
 164 100
 162 100.2 81.0 121.4
 160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 11.998 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139886.D

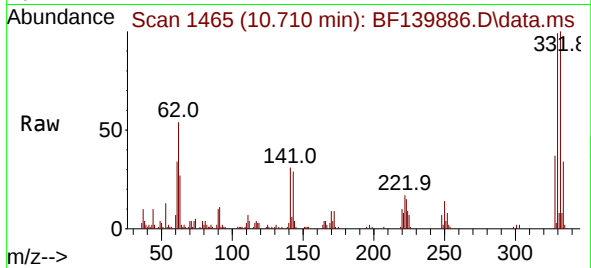
Acq: 19 Oct 2024 22:03

Instrument :

BNA_F

ClientSampleId :

PAD-12



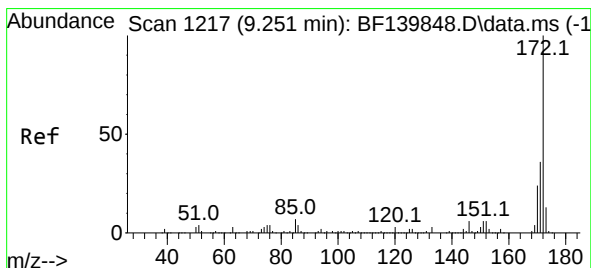
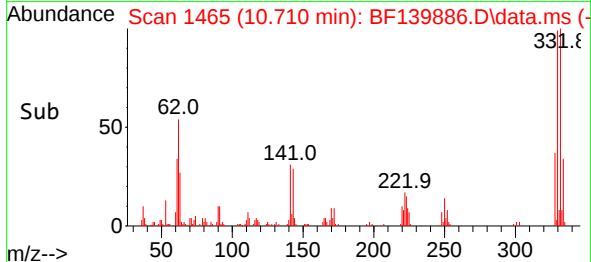
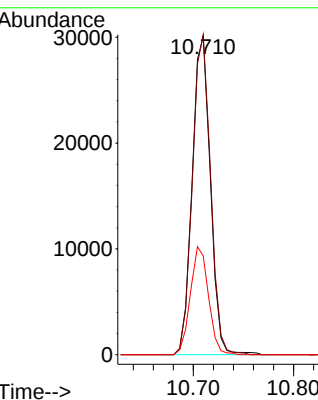
Tgt Ion:330 Resp: 37990

Ion Ratio Lower Upper

330 100

332 100.2 78.1 117.1

141 33.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 54.703 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139886.D

Acq: 19 Oct 2024 22:03

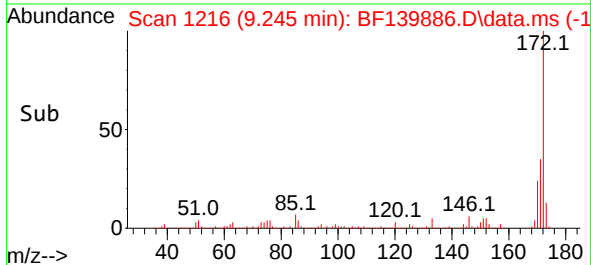
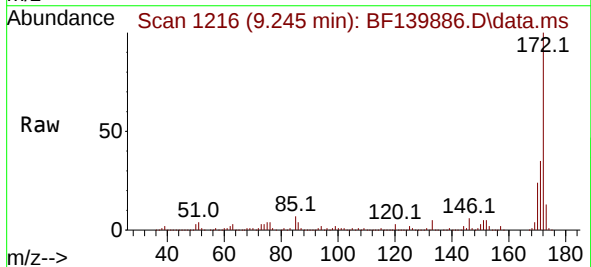
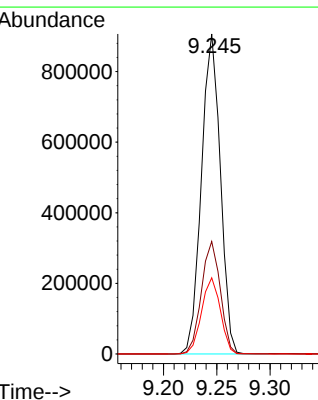
Tgt Ion:172 Resp: 1120435

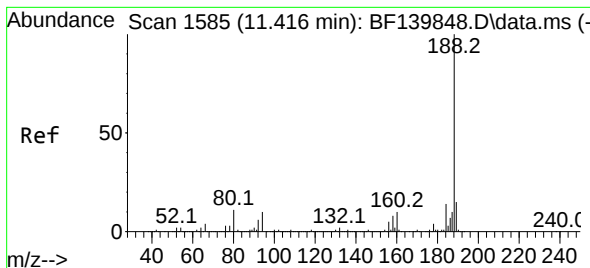
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139886.D

Acq: 19 Oct 2024 22:03

Instrument :

BNA_F

ClientSampleId :

PAD-12

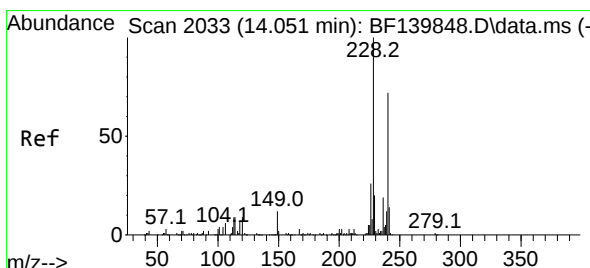
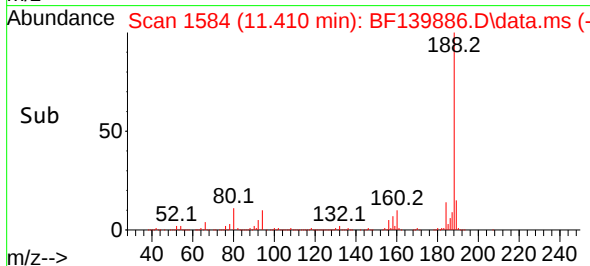
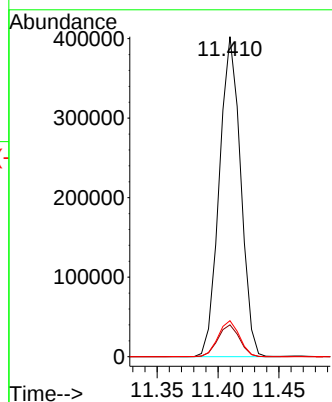
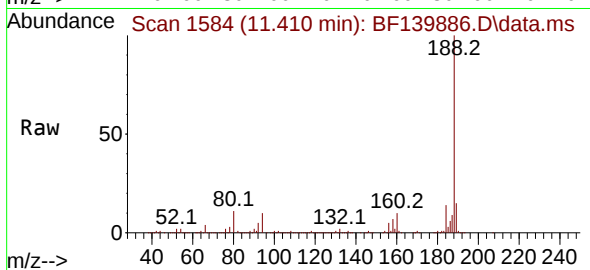
Tgt Ion:188 Resp: 490725

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 11.2 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: BF139886.D

Acq: 19 Oct 2024 22:03

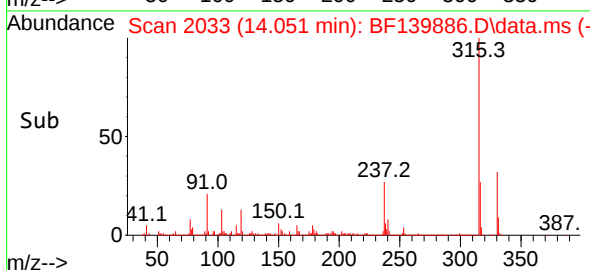
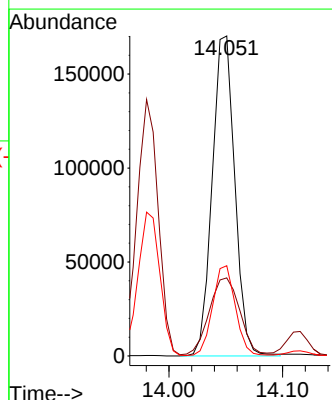
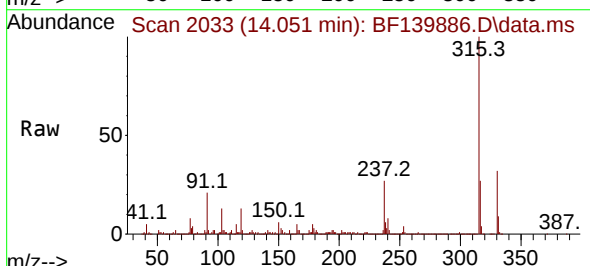
Tgt Ion:240 Resp: 235740

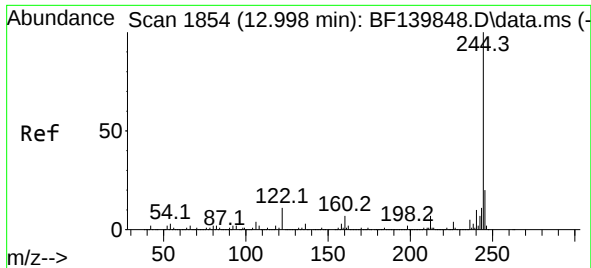
Ion Ratio Lower Upper

240 100

120 24.4 9.4 14.2#

236 28.2 20.9 31.3

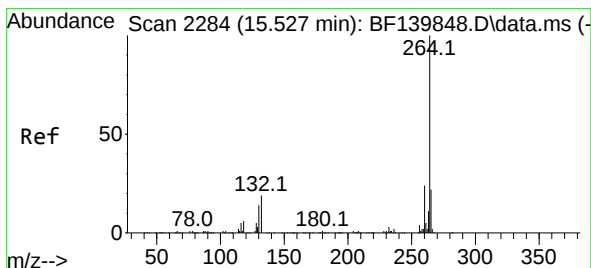
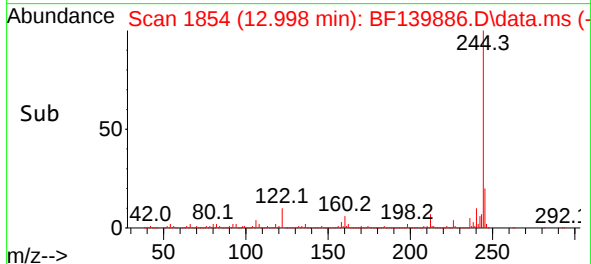
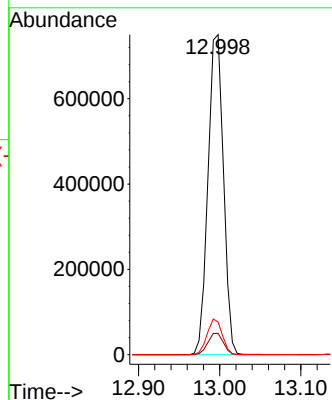
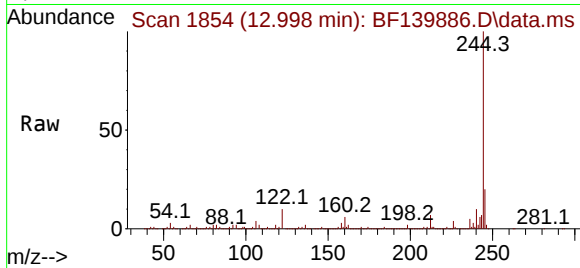




#79
 Terphenyl-d14
 Concen: 68.596 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139886.D
 Acq: 19 Oct 2024 22:03

Instrument :
 BNA_F
 ClientSampleId :
 PAD-12

Tgt Ion:244 Resp: 992393
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 10.2 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: BF139886.D
 Acq: 19 Oct 2024 22:03

Tgt Ion:264 Resp: 275588
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.7 17.4 26.0

