

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139862.D
Acq On : 18 Oct 2024 19:09
Operator : RC/JU
Sample : P4425-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Time: Oct 18 23:08:28 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	116785	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	392455	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	171370	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	313413	20.000	ng	0.00
76) Chrysene-d12	14.051	240	275934	20.000	ng	0.00
86) Perylene-d12	15.527	264	184771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	613520	82.242	ng	0.00
7) Phenol-d6	6.498	99	758309	78.485	ng	-0.01
23) Nitrobenzene-d5	7.445	82	417743	58.995	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	122034	76.131	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	665007	64.133	ng	0.00
79) Terphenyl-d14	12.998	244	846220	49.972	ng	0.00

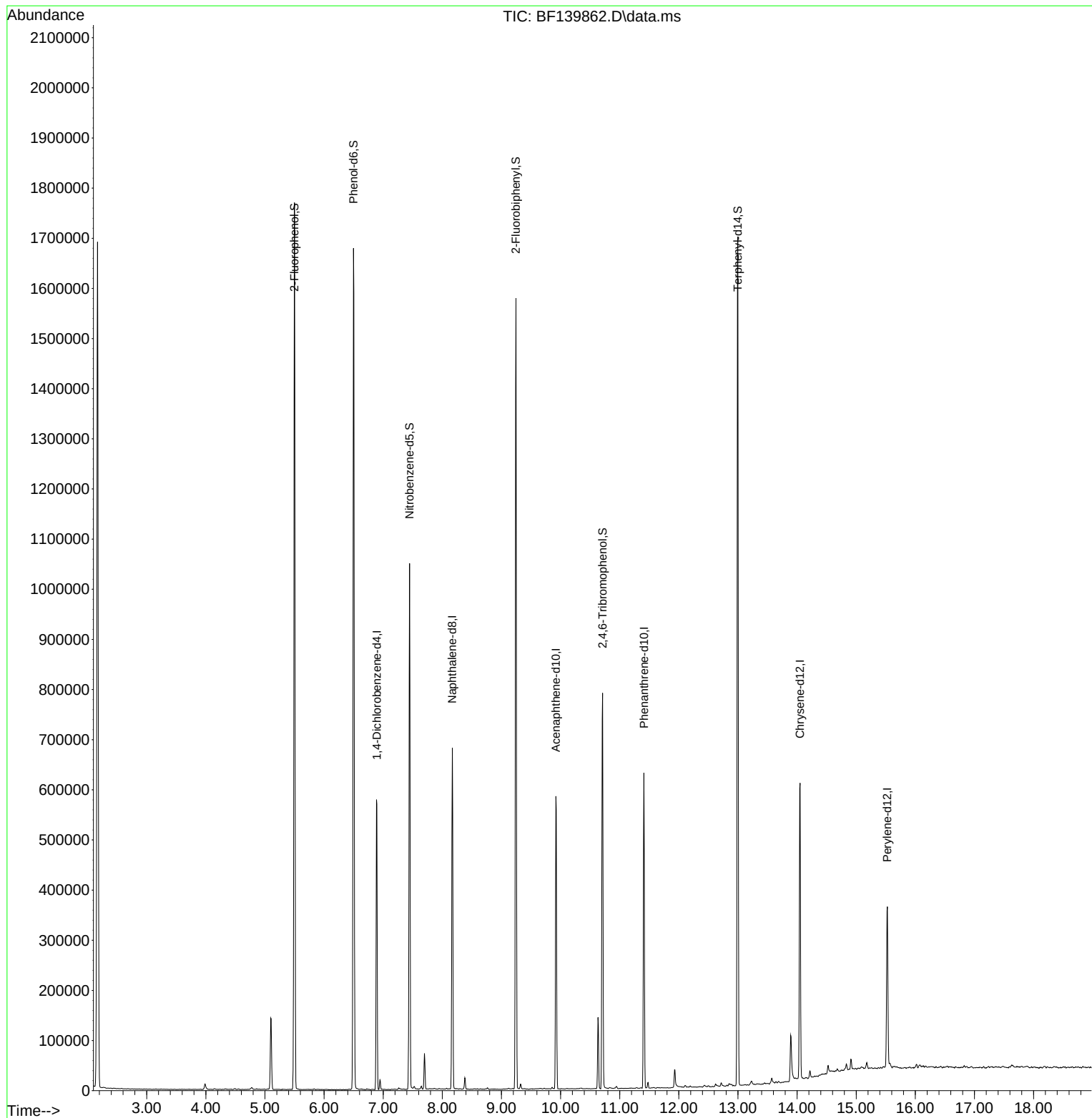
Target Compounds	Qvalue

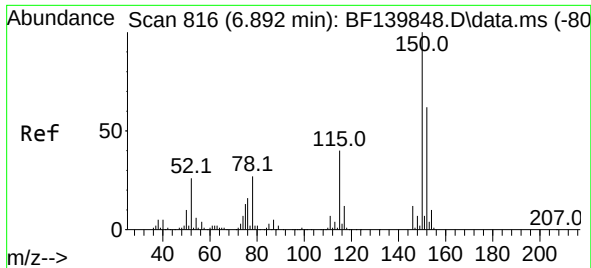
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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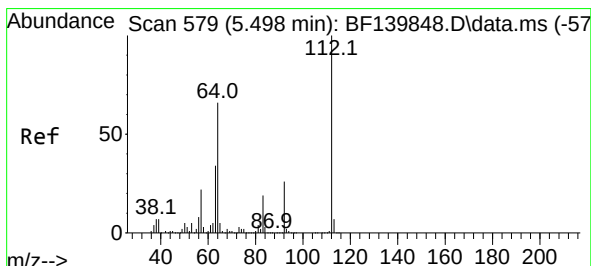
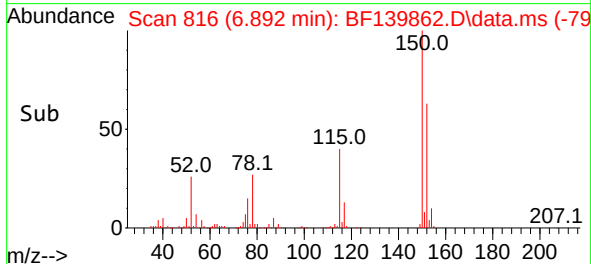
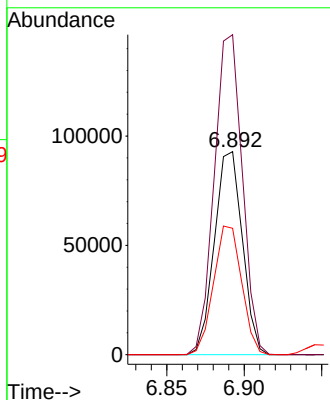
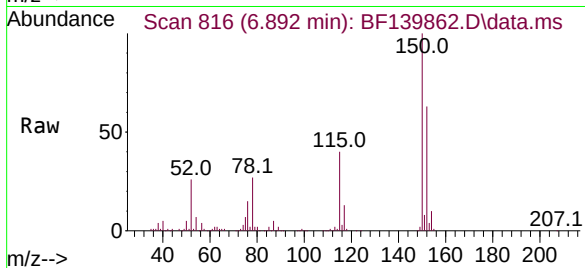




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

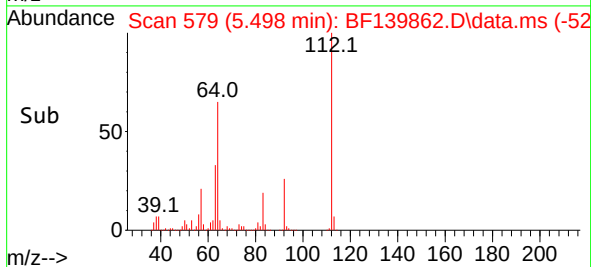
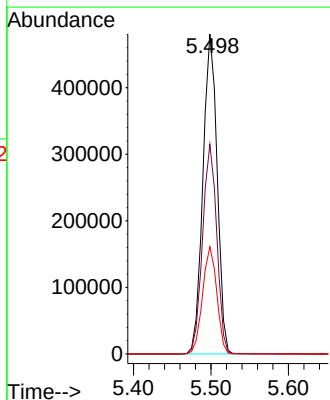
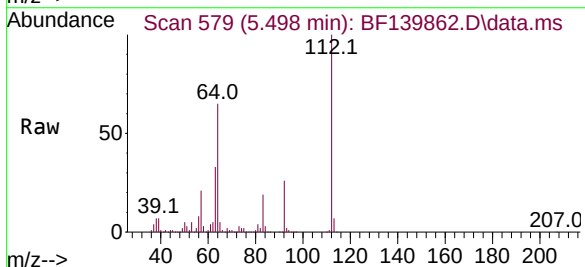
Instrument :
BNA_F
ClientSampleId :
TP-5

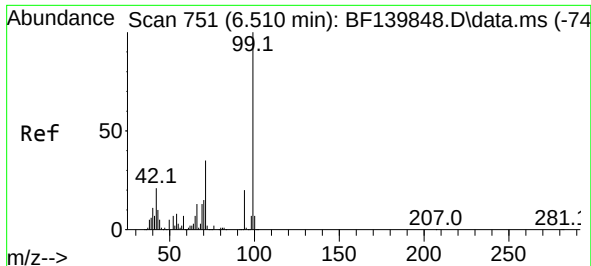
Tgt Ion:152 Resp: 116785
Ion Ratio Lower Upper
152 100
150 157.6 130.2 195.2
115 62.3 51.4 77.2



#5
2-Fluorophenol
Concen: 82.242 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

Tgt Ion:112 Resp: 613520
Ion Ratio Lower Upper
112 100
64 65.5 53.0 79.6
63 33.5 27.0 40.4

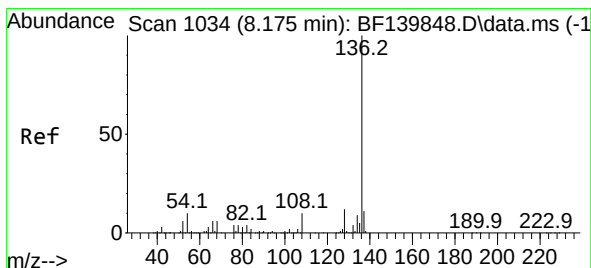
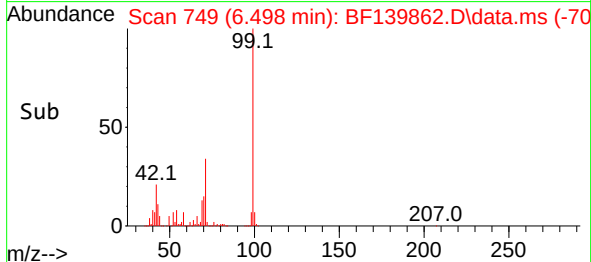
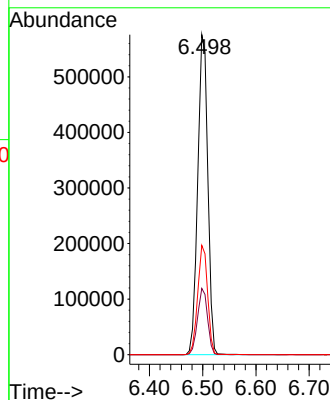
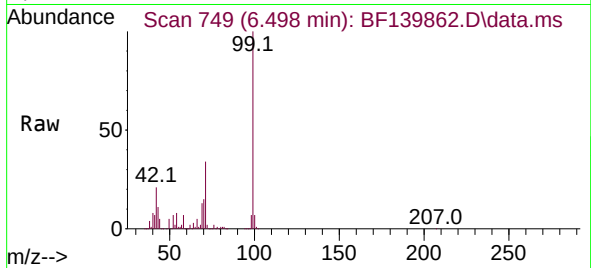




#7
Phenol-d6
Concen: 78.485 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

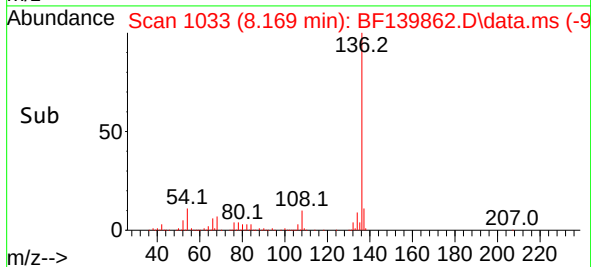
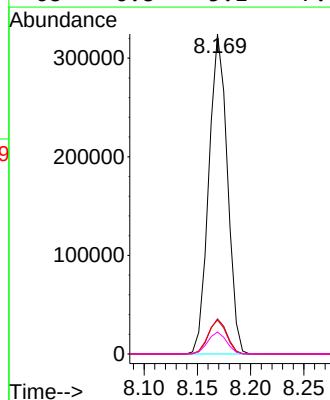
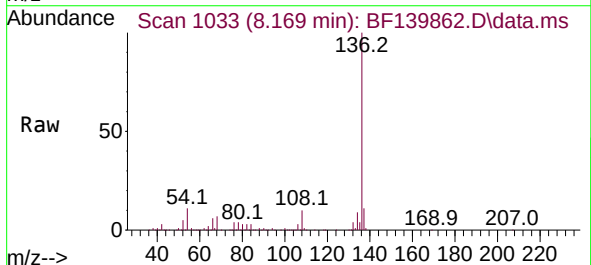
Instrument :
BNA_F
ClientSampleId :
TP-5

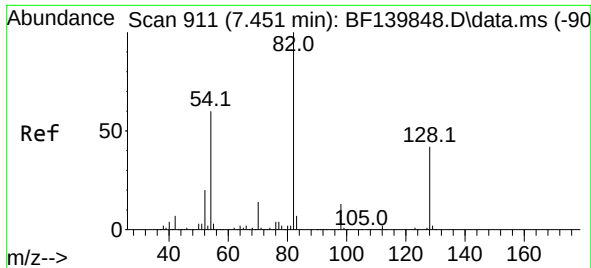
Tgt Ion: 99 Resp: 758309
Ion Ratio Lower Upper
99 100
42 20.7 16.7 25.1
71 34.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

Tgt Ion: 136 Resp: 392455
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.6 8.4 12.6
68 6.8 5.1 7.7

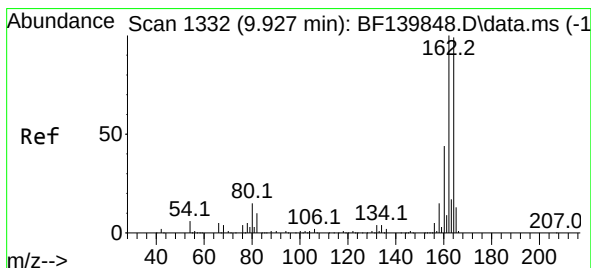
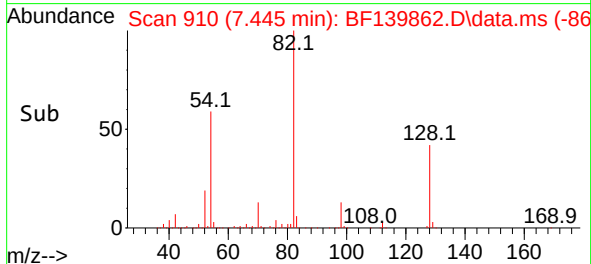
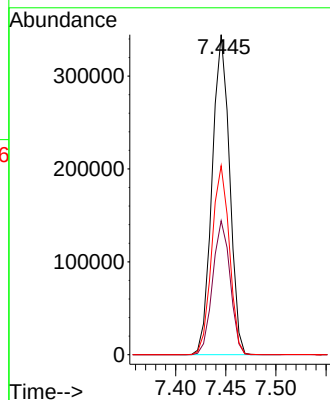
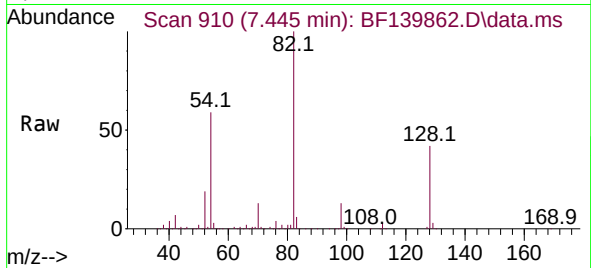




#23
Nitrobenzene-d5
Concen: 58.995 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

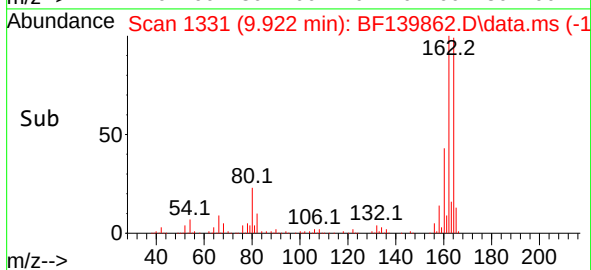
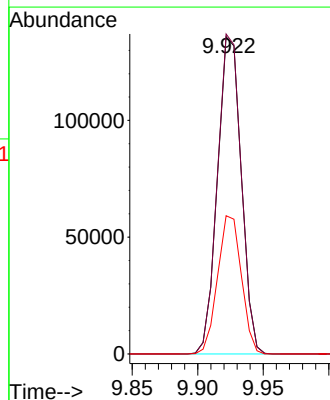
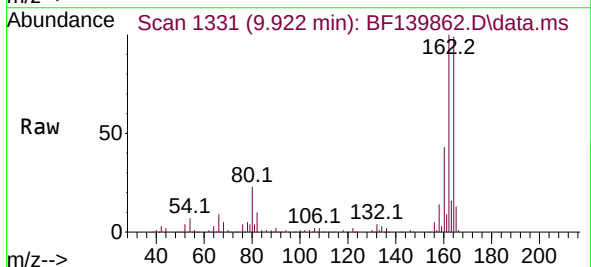
Instrument :
BNA_F
ClientSampleId :
TP-5

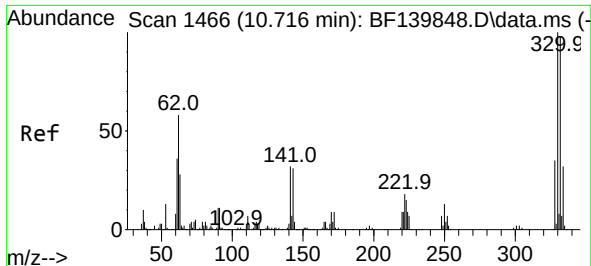
Tgt Ion: 82 Resp: 417743
Ion Ratio Lower Upper
82 100
128 41.9 33.4 50.0
54 59.1 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139862.D
Acq: 18 Oct 2024 19:09

Tgt Ion: 164 Resp: 171370
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 43.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 76.131 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139862.D

Acq: 18 Oct 2024 19:09

Instrument :

BNA_F

ClientSampleId :

TP-5

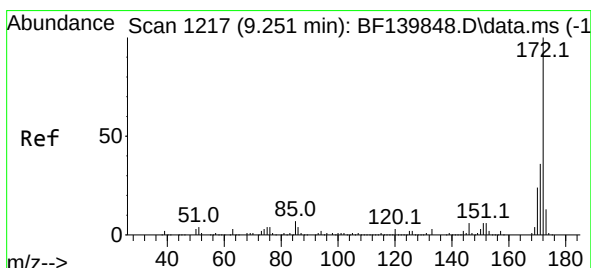
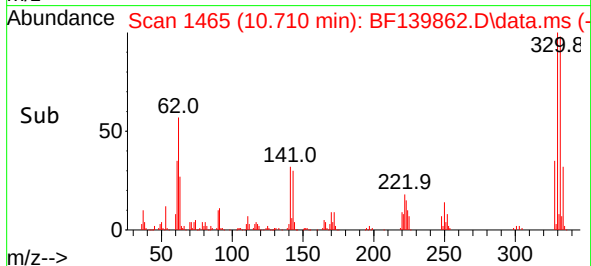
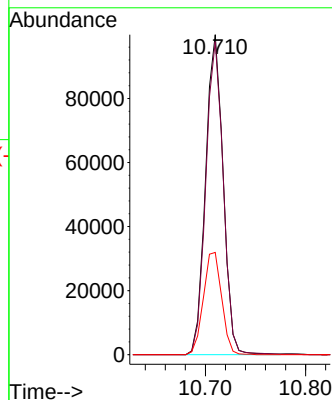
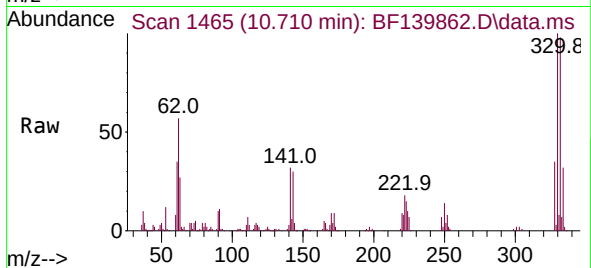
Tgt Ion:330 Resp: 122034

Ion Ratio Lower Upper

330 100

332 97.3 78.1 117.1

141 33.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 64.133 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139862.D

Acq: 18 Oct 2024 19:09

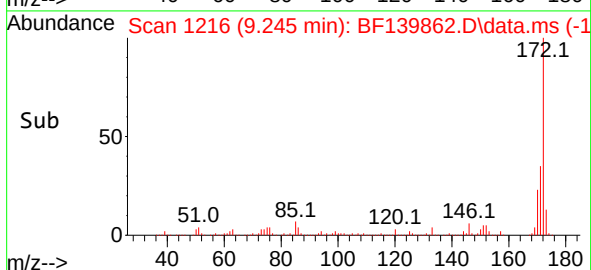
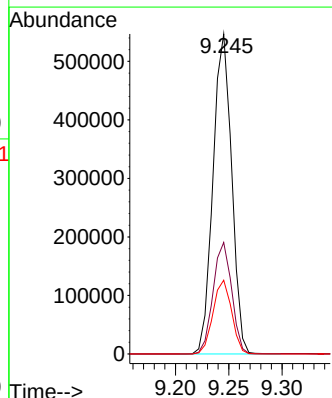
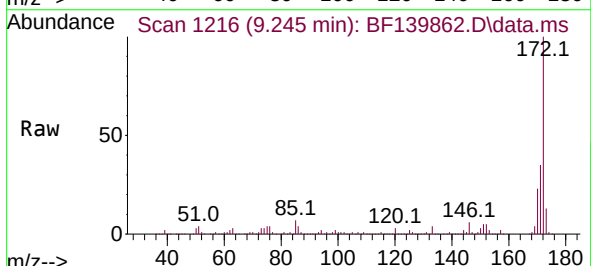
Tgt Ion:172 Resp: 665007

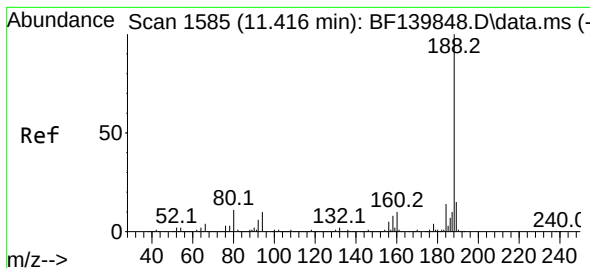
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.1 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: BF139862.D

Acq: 18 Oct 2024 19:09

Instrument :

BNA_F

ClientSampleId :

TP-5

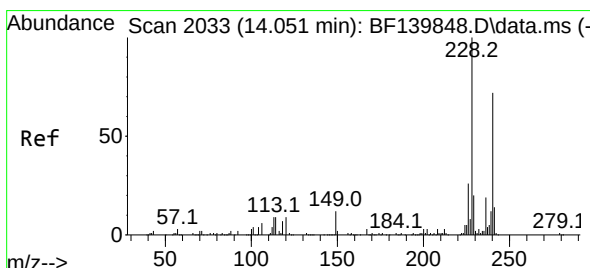
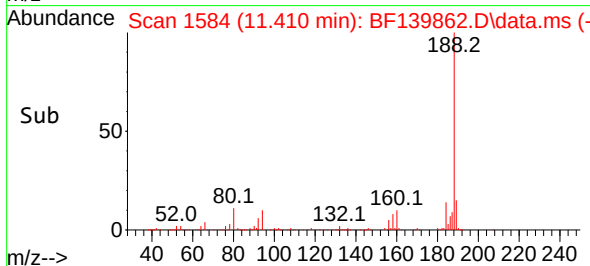
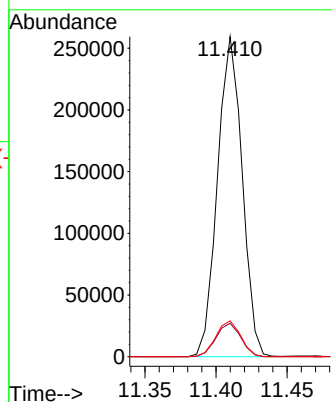
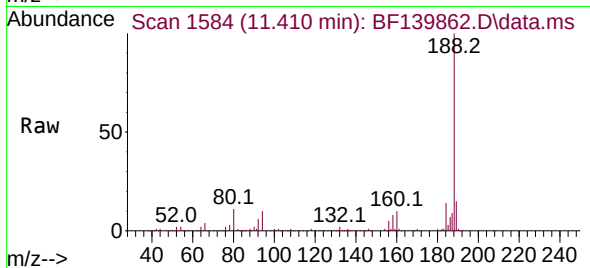
Tgt Ion:188 Resp: 313413

Ion Ratio Lower Upper

188 100

94 10.5 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: BF139862.D

Acq: 18 Oct 2024 19:09

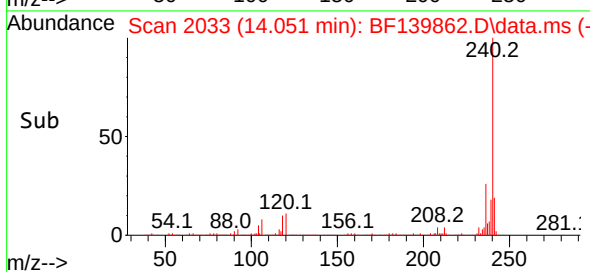
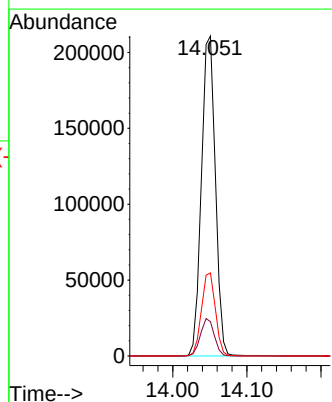
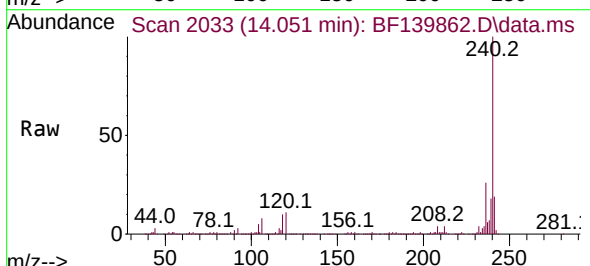
Tgt Ion:240 Resp: 275934

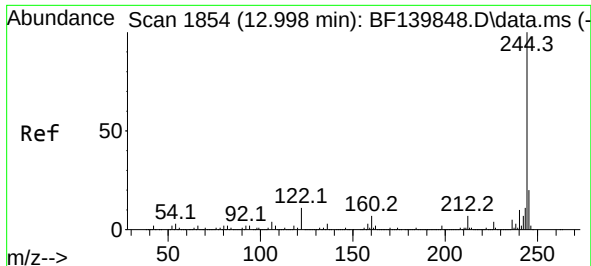
Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

236 25.9 20.9 31.3

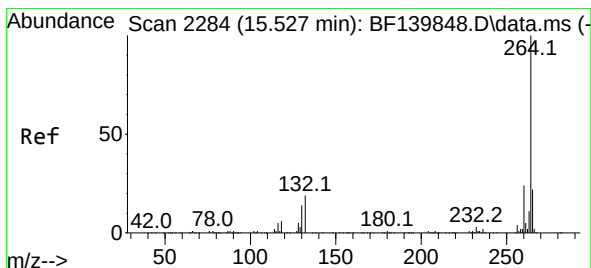
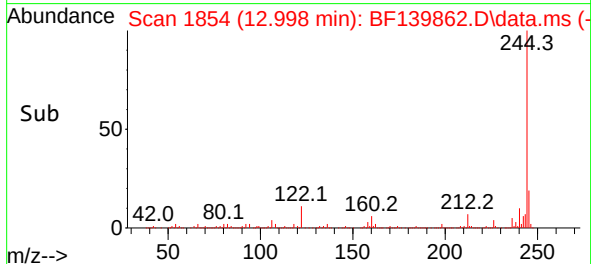
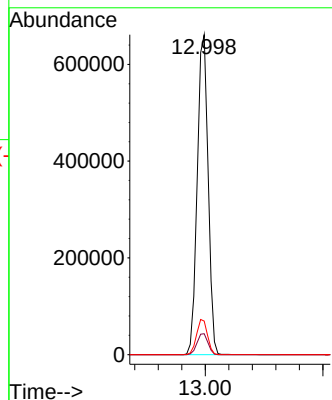
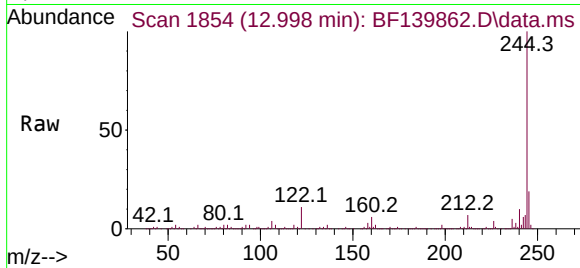




#79
 Terphenyl-d14
 Concen: 49.972 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139862.D
 Acq: 18 Oct 2024 19:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 846220
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 10.5 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: BF139862.D
 Acq: 18 Oct 2024 19:09

Tgt Ion:264 Resp: 184771
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 20.9 17.4 26.0

