

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139896.D
 Acq On : 21 Oct 2024 11:55
 Operator : RC/JU
 Sample : P4425-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Oct 21 12:23:08 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	6.887	152	164578	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	628643	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	348404	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	578725	20.000	ng	0.00
76) Chrysene-d12	14.051	240	287484	20.000	ng	0.00
86) Perylene-d12	15.527	264	327876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	807950	76.853	ng	0.00
7) Phenol-d6	6.504	99	1070157	78.596	ng	0.00
23) Nitrobenzene-d5	7.445	82	657459	57.964	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	244648	75.072	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1177768	55.869	ng	0.00
79) Terphenyl-d14	12.998	244	1049969	59.513	ng	0.00

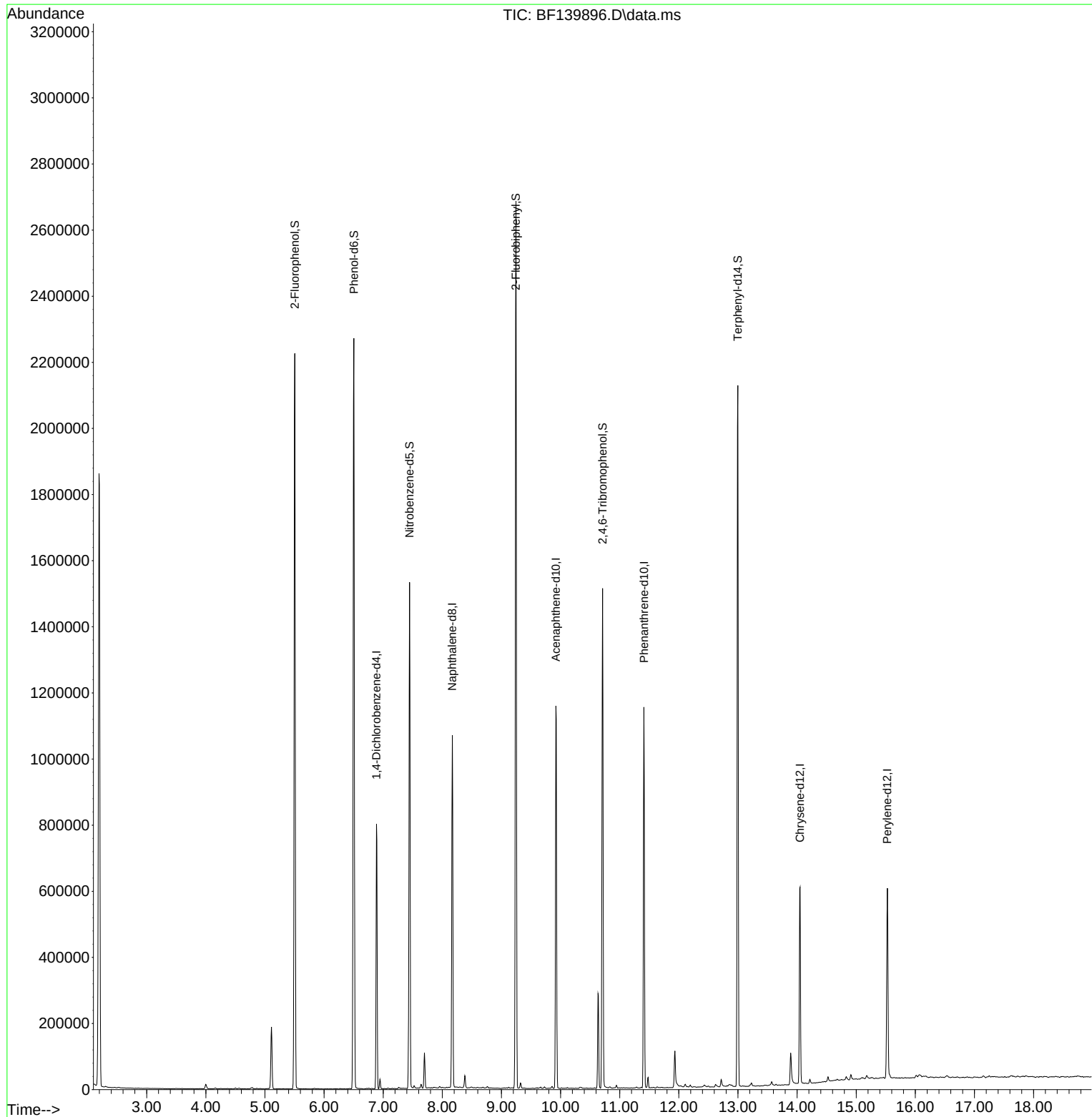
Target Compounds	Qvalue

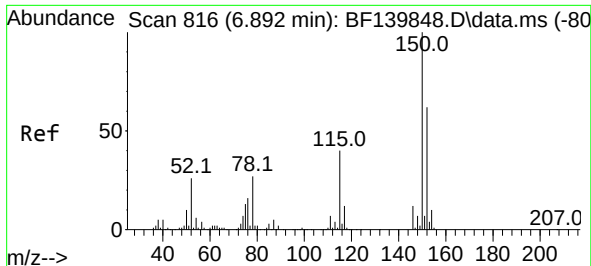
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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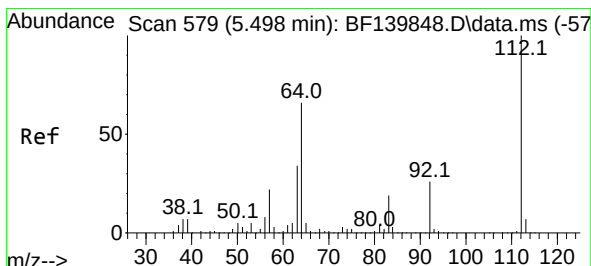
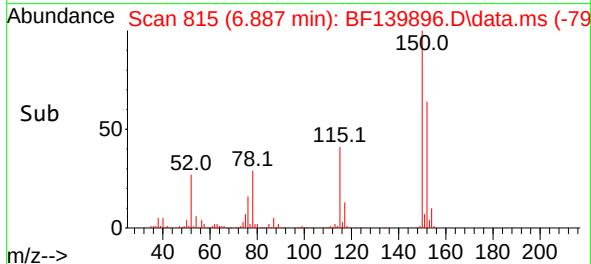
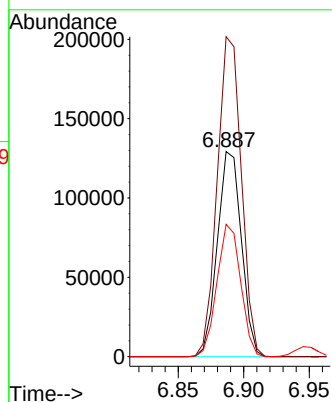
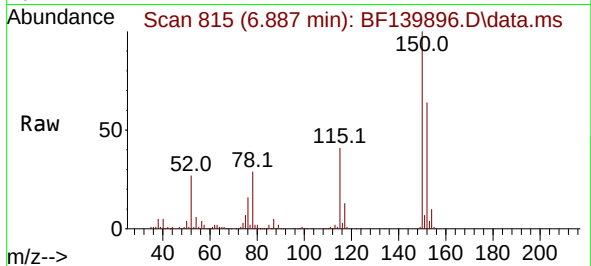




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139896.D
Acq: 21 Oct 2024 11:55

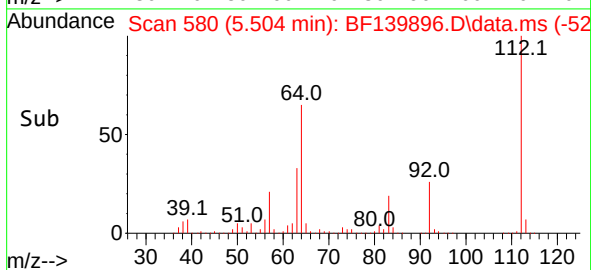
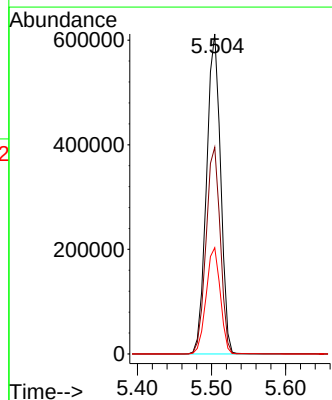
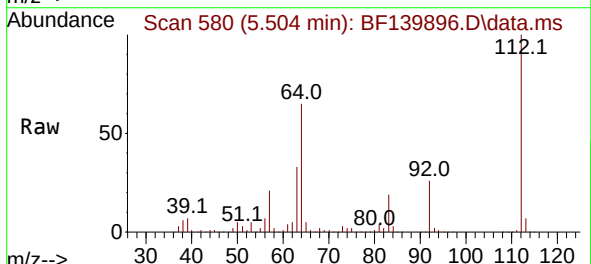
Instrument :
BNA_F
ClientSampleId :
TP-5

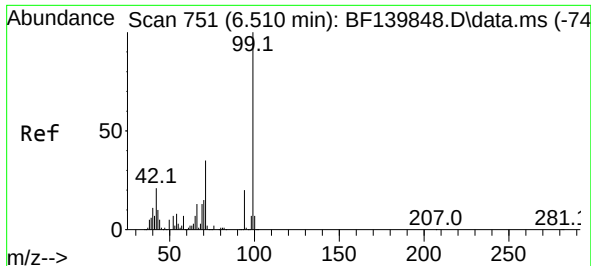
Tgt Ion:152 Resp: 164578
Ion Ratio Lower Upper
152 100
150 156.0 130.2 195.2
115 64.5 51.4 77.2



#5
2-Fluorophenol
Concen: 76.853 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139896.D
Acq: 21 Oct 2024 11:55

Tgt Ion:112 Resp: 807950
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 33.2 27.0 40.4





#7

Phenol-d6

Concen: 78.596 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139896.D

Acq: 21 Oct 2024 11:55

Instrument :

BNA_F

ClientSampleId :

TP-5

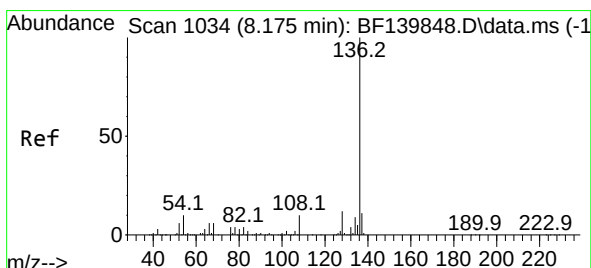
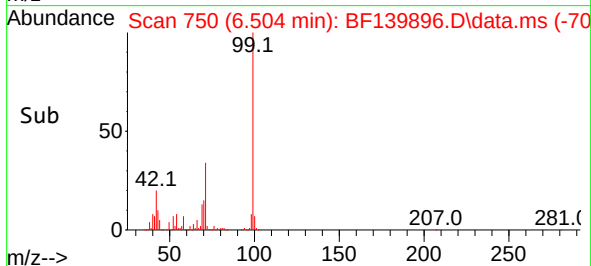
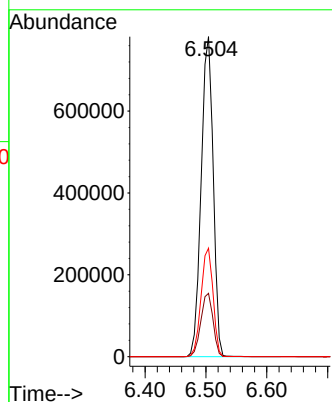
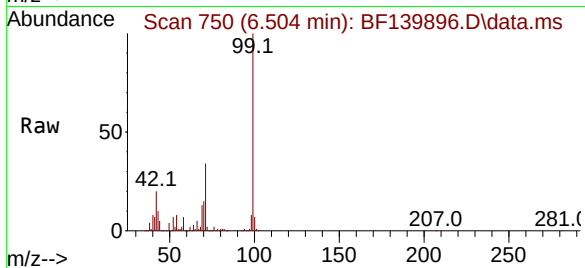
Tgt Ion: 99 Resp: 1070157

Ion Ratio Lower Upper

99 100

42 19.8 16.7 25.1

71 33.9 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: BF139896.D

Acq: 21 Oct 2024 11:55

Tgt Ion: 136 Resp: 628643

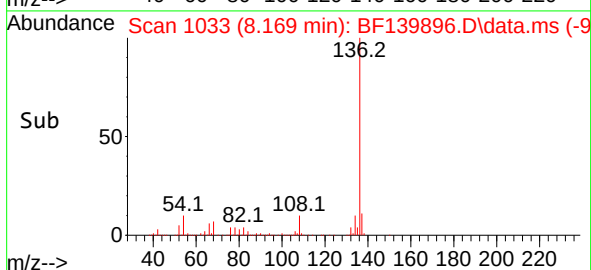
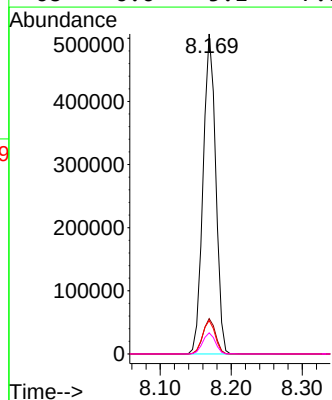
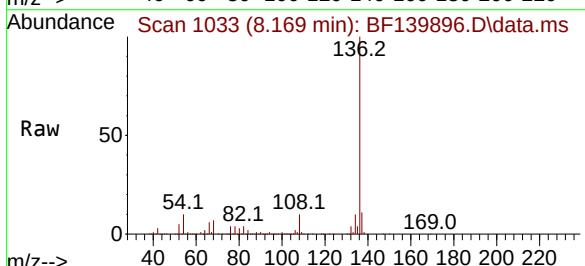
Ion Ratio Lower Upper

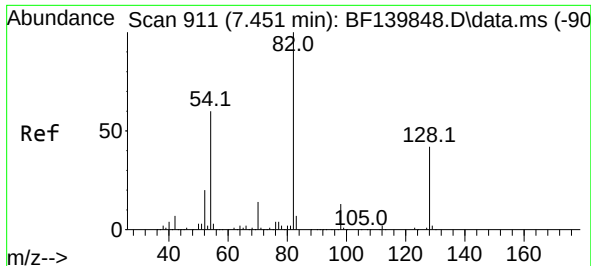
136 100

137 11.0 8.6 12.8

54 10.4 8.4 12.6

68 6.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 57.964 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139896.D

Acq: 21 Oct 2024 11:55

Instrument :

BNA_F

ClientSampleId :

TP-5

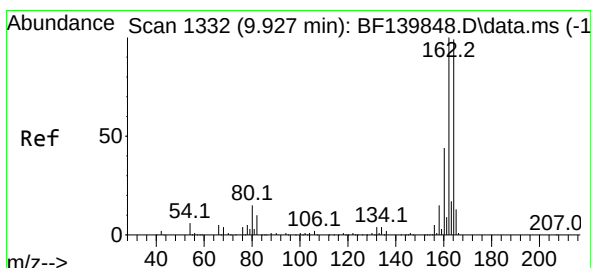
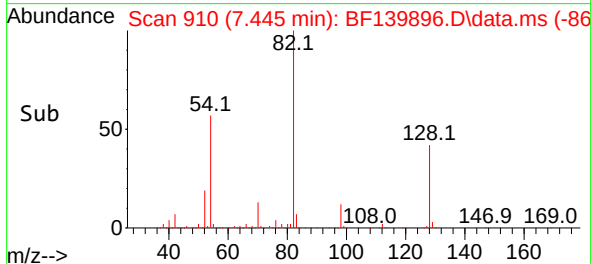
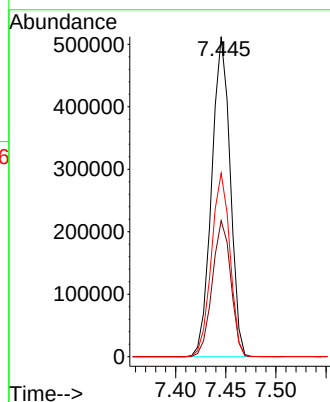
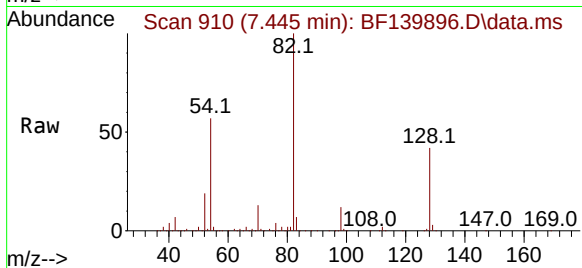
Tgt Ion: 82 Resp: 657459

Ion Ratio Lower Upper

82 100

128 42.5 33.4 50.0

54 57.3 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: BF139896.D

Acq: 21 Oct 2024 11:55

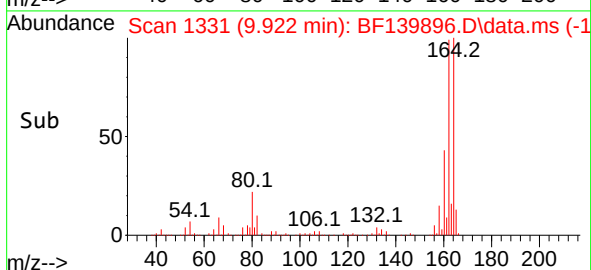
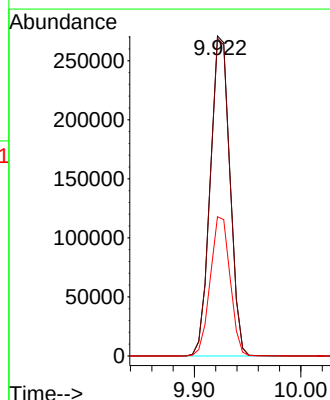
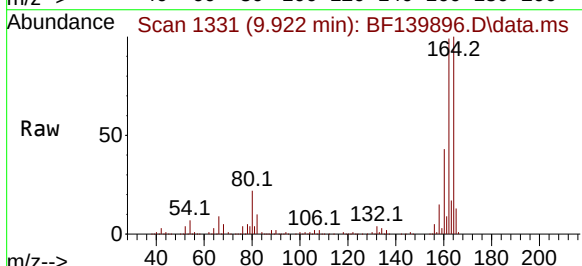
Tgt Ion:164 Resp: 348404

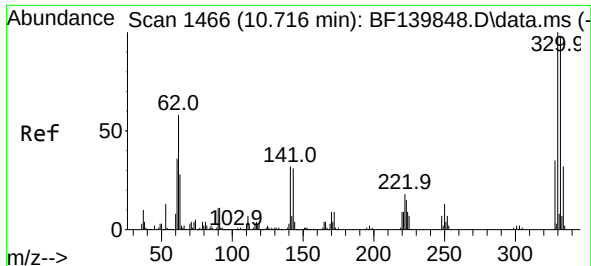
Ion Ratio Lower Upper

164 100

162 99.3 81.0 121.4

160 43.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 75.072 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139896.D

Acq: 21 Oct 2024 11:55

Instrument :

BNA_F

ClientSampleId :

TP-5

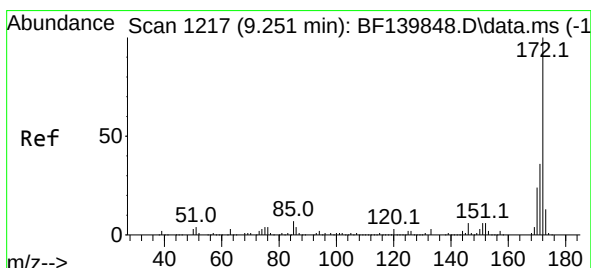
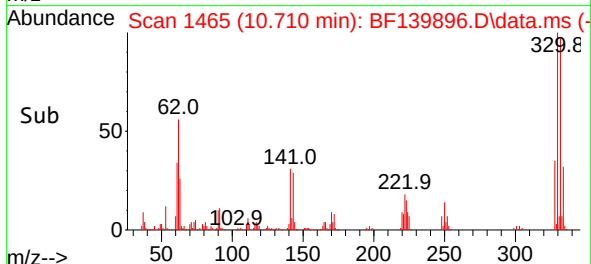
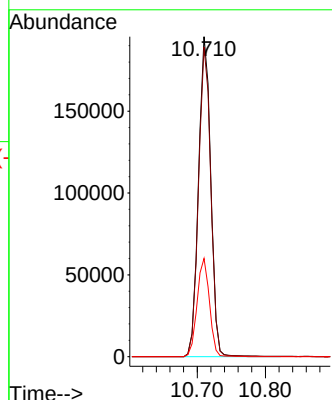
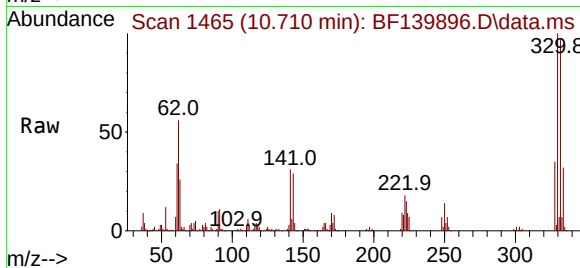
Tgt Ion:330 Resp: 244648

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 30.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 55.869 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139896.D

Acq: 21 Oct 2024 11:55

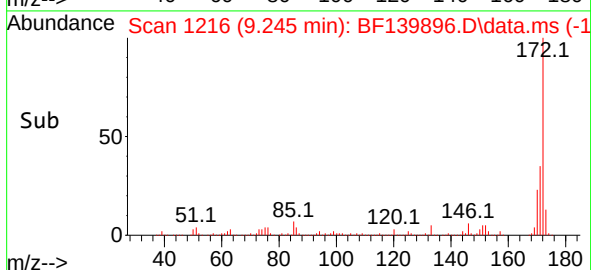
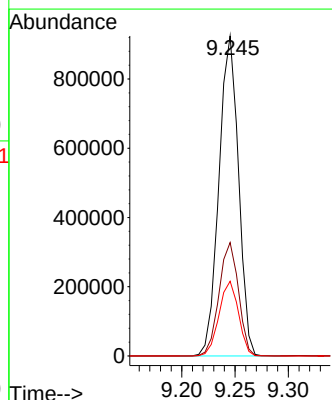
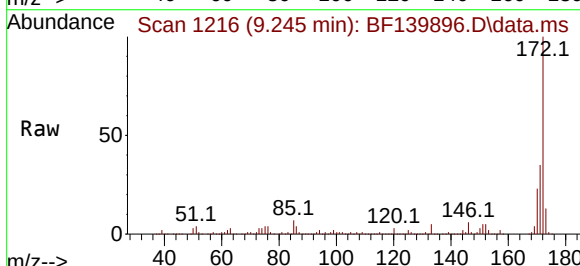
Tgt Ion:172 Resp: 1177768

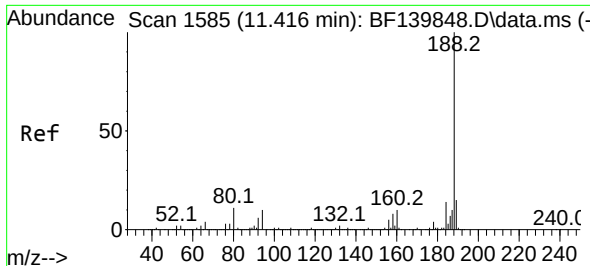
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.3 19.1 28.7

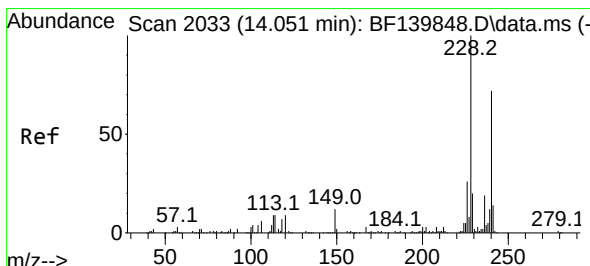
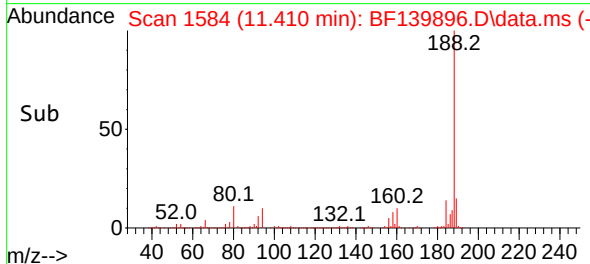
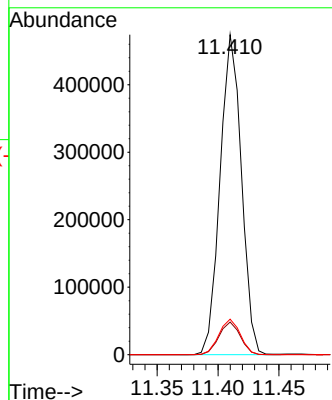
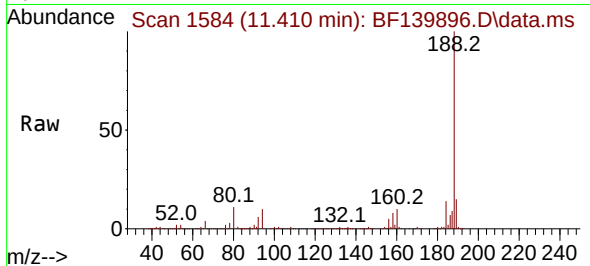




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139896.D
Acq: 21 Oct 2024 11:55

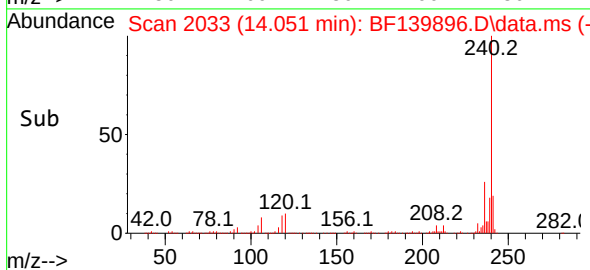
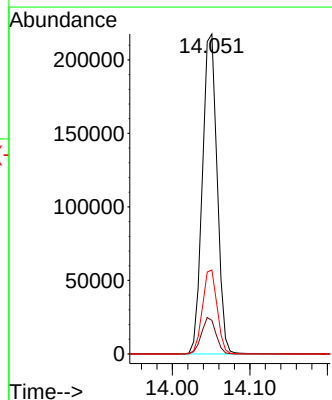
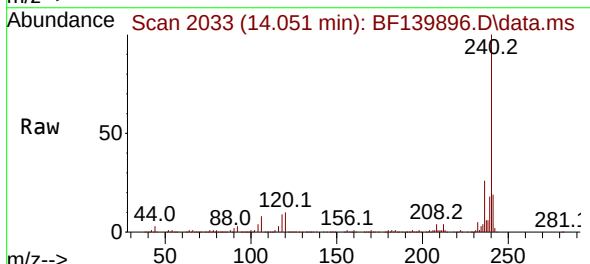
Instrument :
BNA_F
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TP-5

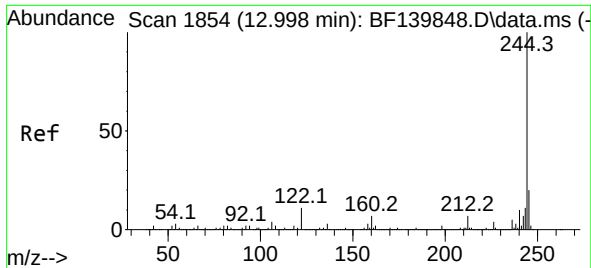
Tgt Ion:188 Resp: 578725
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139896.D
Acq: 21 Oct 2024 11:55

Tgt Ion:240 Resp: 287484
Ion Ratio Lower Upper
240 100
120 10.5 9.4 14.2
236 26.3 20.9 31.3

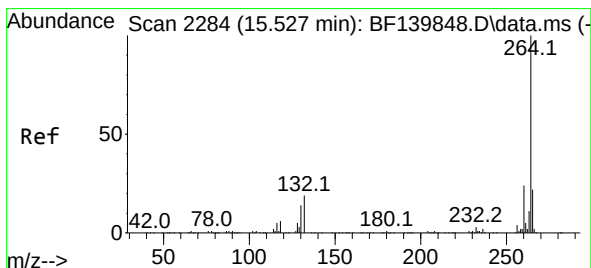
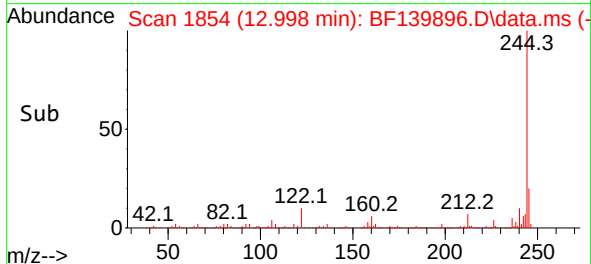
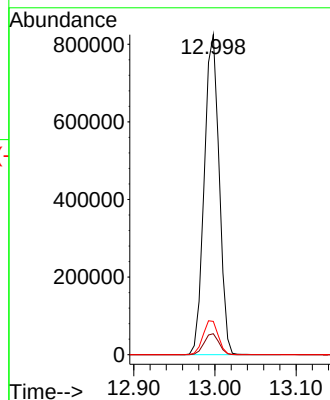
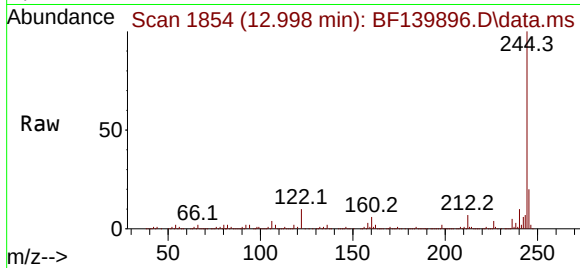




#79
Terphenyl-d14
Concen: 59.513 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139896.D
Acq: 21 Oct 2024 11:55

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:244 Resp: 1049969
Ion Ratio Lower Upper
244 100
212 6.6 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: BF139896.D
Acq: 21 Oct 2024 11:55

Tgt Ion:264 Resp: 327876
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 21.4 17.4 26.0

