

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139458.D
 Acq On : 19 Sep 2024 12:01
 Operator : RC/JU
 Sample : PB163445TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163445TB

Quant Time: Sep 19 12:22:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	83737	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	313582	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	173485	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	321087	20.000	ng	0.00
76) Chrysene-d12	14.033	240	190354	20.000	ng	0.00
86) Perylene-d12	15.504	264	154087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	527935	102.851	ng	0.02
7) Phenol-d6	6.504	99	700767	104.011	ng	0.00
23) Nitrobenzene-d5	7.440	82	471348	70.663	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	177126	95.902	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	876361	70.848	ng	0.00
79) Terphenyl-d14	12.980	244	918699	79.218	ng	0.00

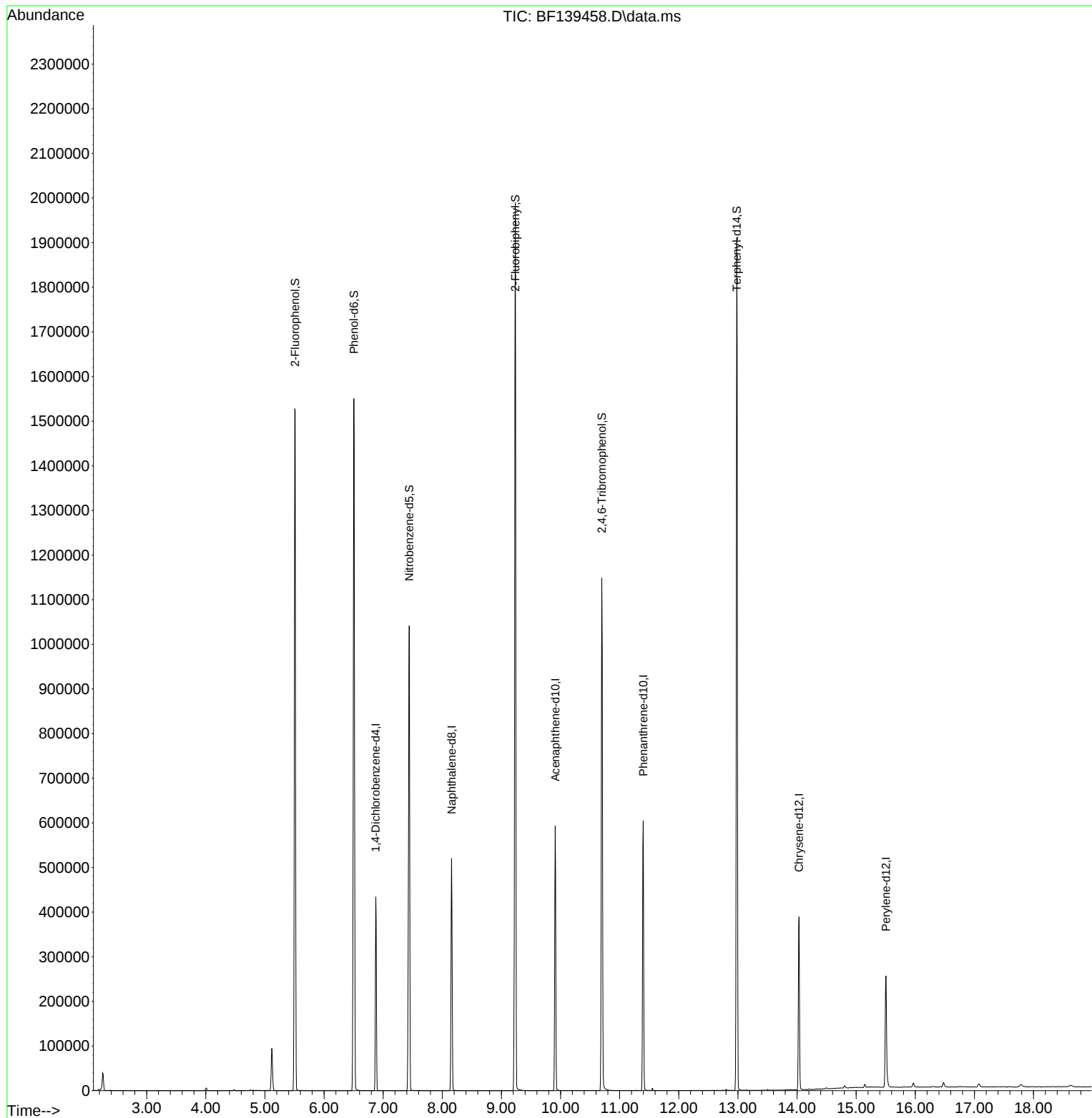
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139458.D
Acq On : 19 Sep 2024 12:01
Operator : RC/JU
Sample : PB163445TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163445TB

Quant Time: Sep 19 12:22:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

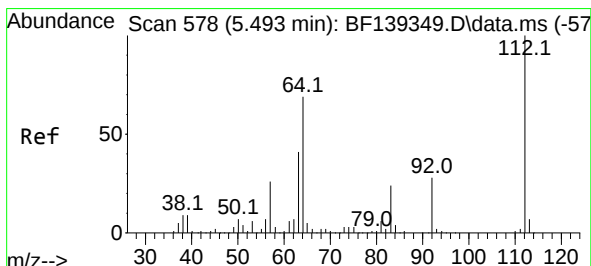
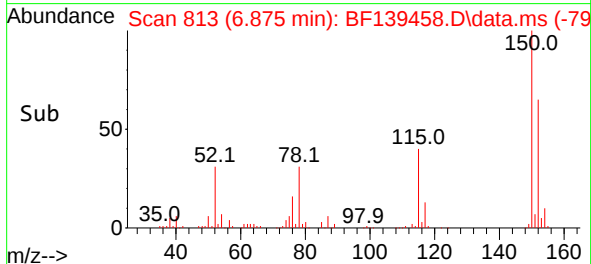
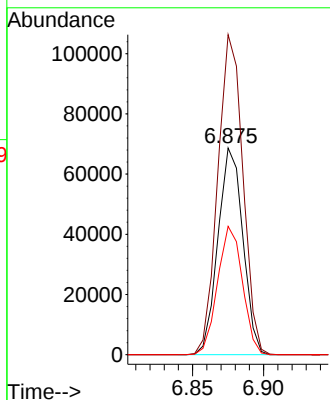
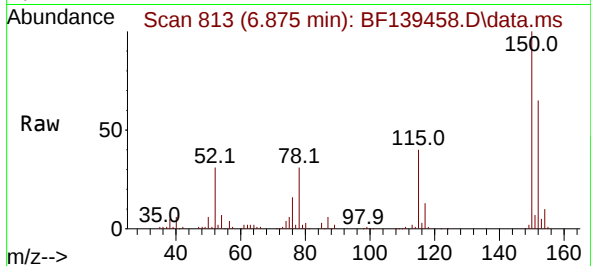




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

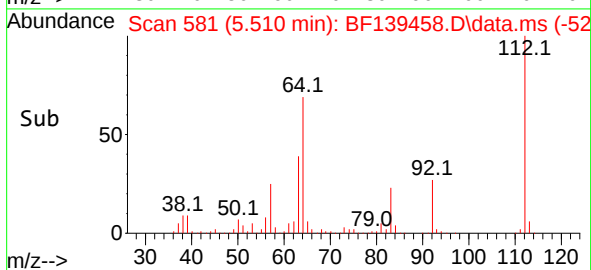
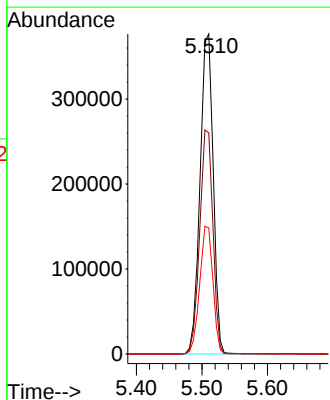
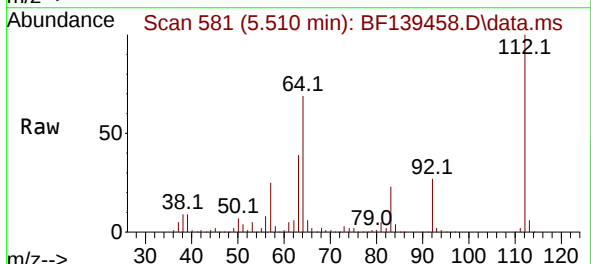
Instrument :
BNA_F
ClientSampleId :
PB163445TB

Tgt Ion:152 Resp: 83737
Ion Ratio Lower Upper
152 100
150 154.8 124.1 186.1
115 62.1 48.1 72.1



#5
2-Fluorophenol
Concen: 102.851 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

Tgt Ion:112 Resp: 527935
Ion Ratio Lower Upper
112 100
64 69.1 54.8 82.2
63 39.4 33.0 49.4

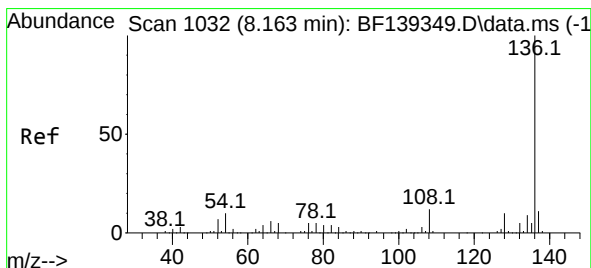
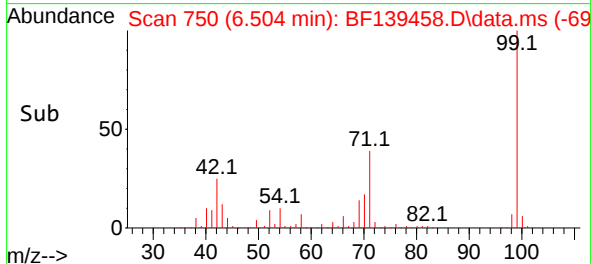
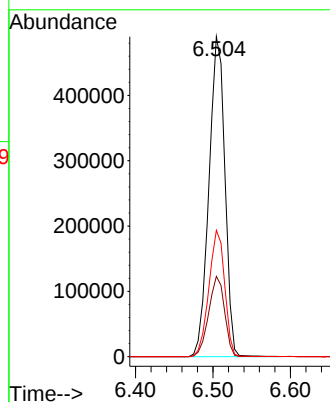
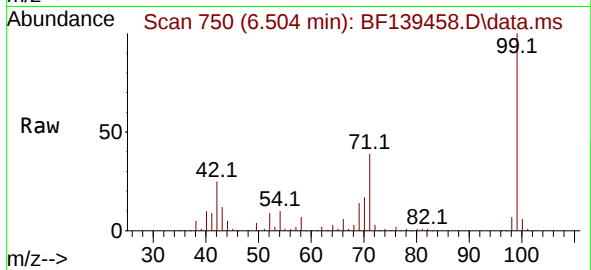




#7
Phenol-d6
Concen: 104.011 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

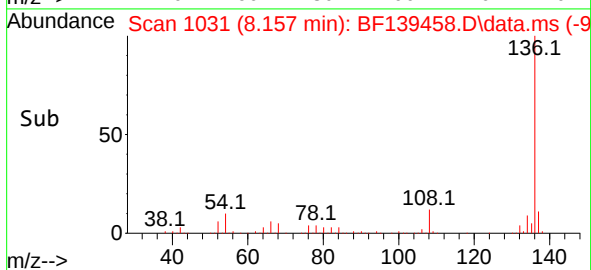
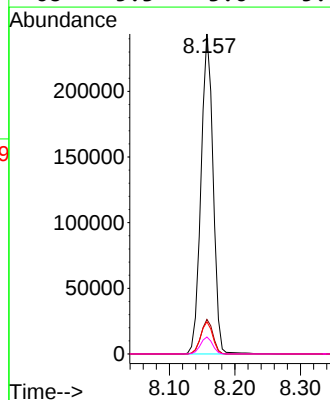
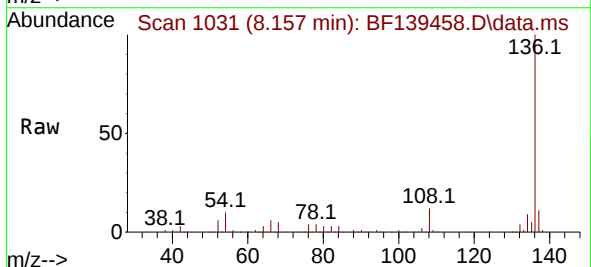
Instrument :
BNA_F
ClientSampleId :
PB163445TB

Tgt Ion: 99 Resp: 700767
Ion Ratio Lower Upper
99 100
42 25.1 21.9 32.9
71 39.5 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

Tgt Ion: 136 Resp: 313582
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.0 7.8 11.8
68 5.3 3.6 5.4





#23

Nitrobenzene-d5

Concen: 70.663 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139458.D

Acq: 19 Sep 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB163445TB

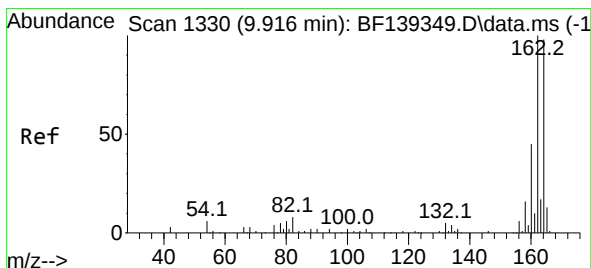
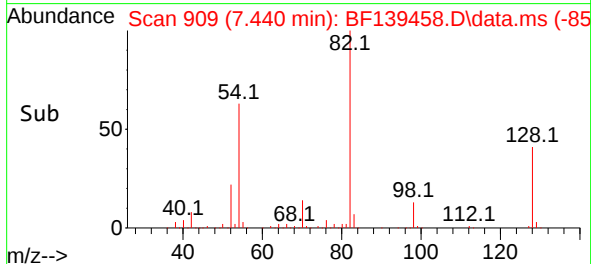
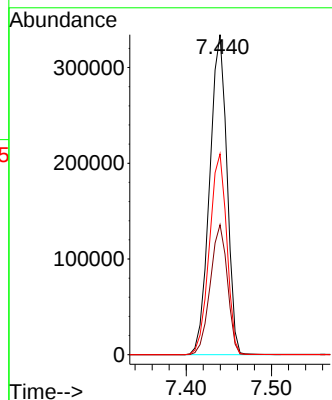
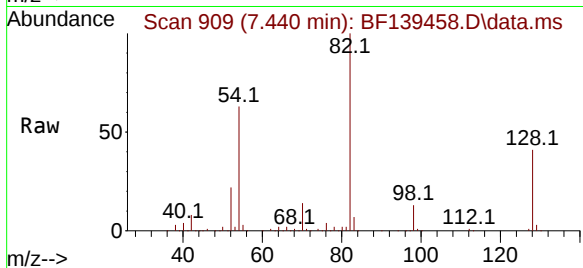
Tgt Ion: 82 Resp: 471348

Ion Ratio Lower Upper

82 100

128 40.6 31.8 47.6

54 62.8 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139458.D

Acq: 19 Sep 2024 12:01

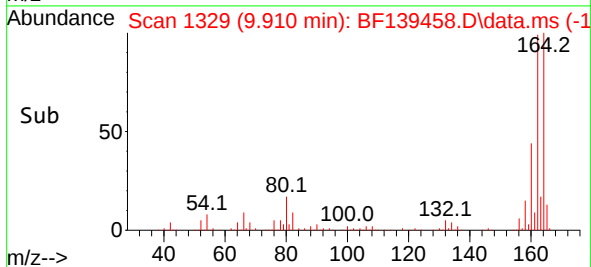
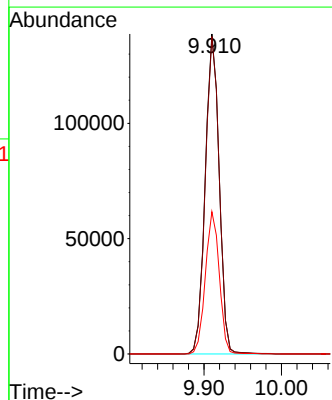
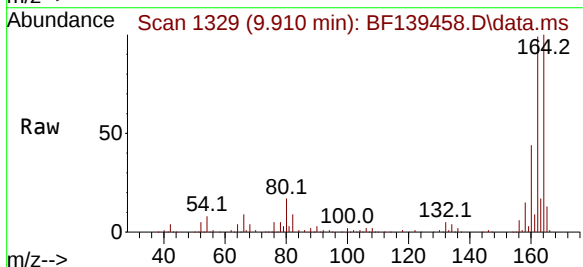
Tgt Ion:164 Resp: 173485

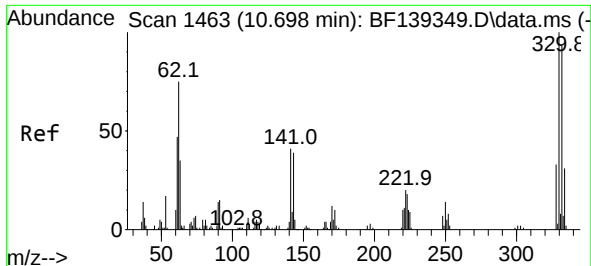
Ion Ratio Lower Upper

164 100

162 99.2 81.3 121.9

160 44.4 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 95.902 ng

RT: 10.698 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF139458.D

Acq: 19 Sep 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB163445TB

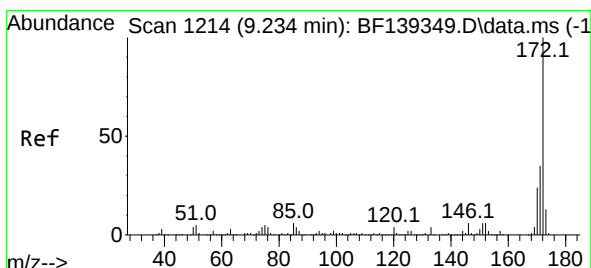
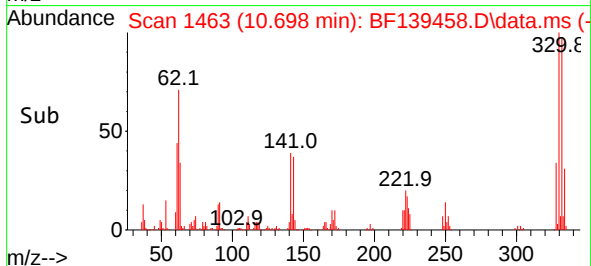
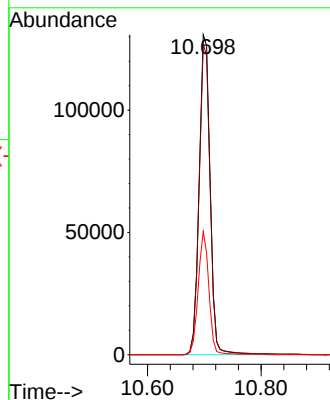
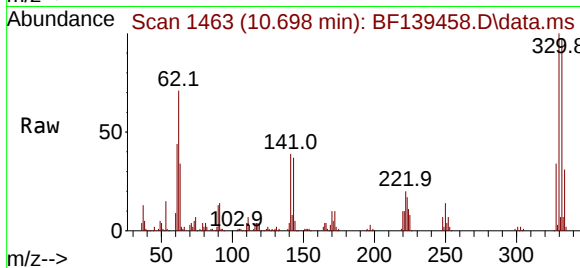
Tgt Ion:330 Resp: 177126

Ion Ratio Lower Upper

330 100

332 97.2 75.2 112.8

141 37.3 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 70.848 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF139458.D

Acq: 19 Sep 2024 12:01

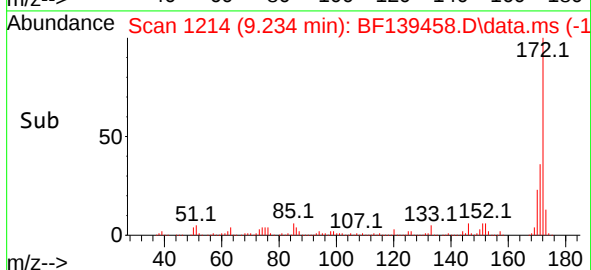
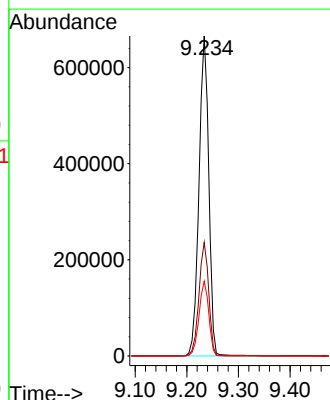
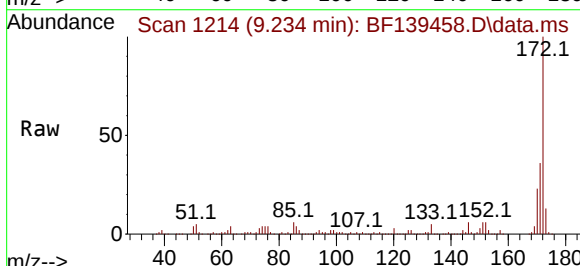
Tgt Ion:172 Resp: 876361

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139458.D

Acq: 19 Sep 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB163445TB

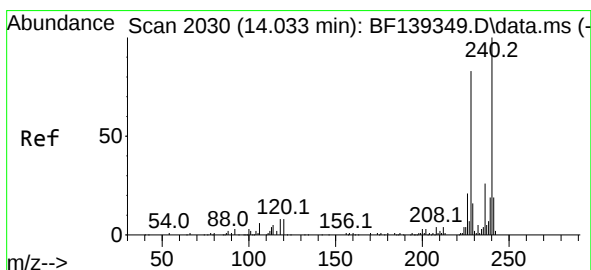
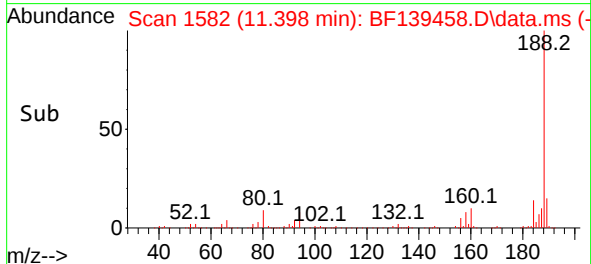
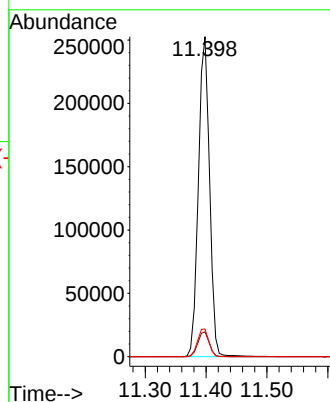
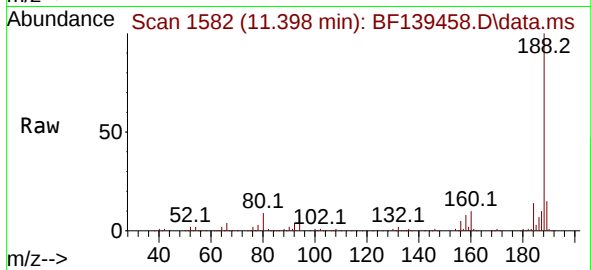
Tgt Ion:188 Resp: 321087

Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 8.7 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139458.D

Acq: 19 Sep 2024 12:01

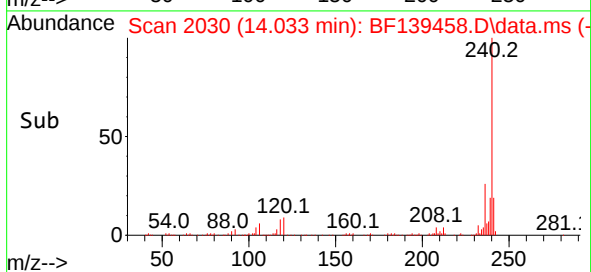
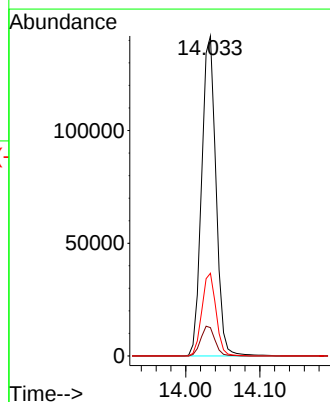
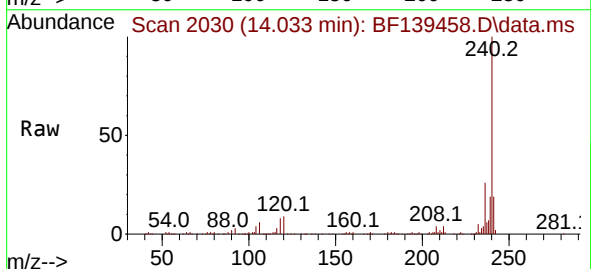
Tgt Ion:240 Resp: 190354

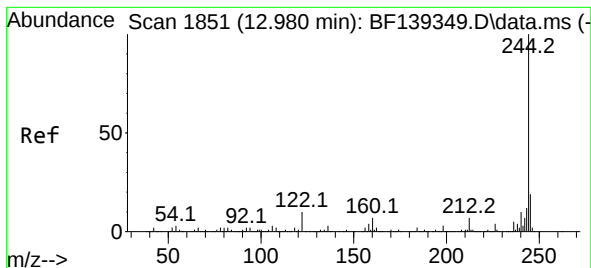
Ion Ratio Lower Upper

240 100

120 8.8 6.2 9.2

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 79.218 ng

RT: 12.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139458.D

Acq: 19 Sep 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB163445TB

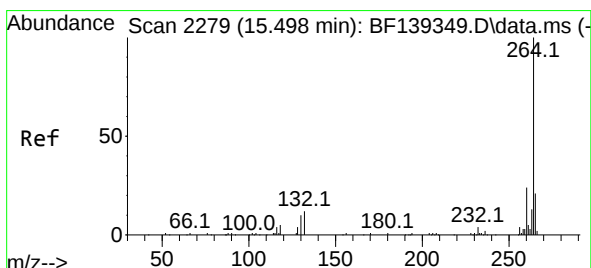
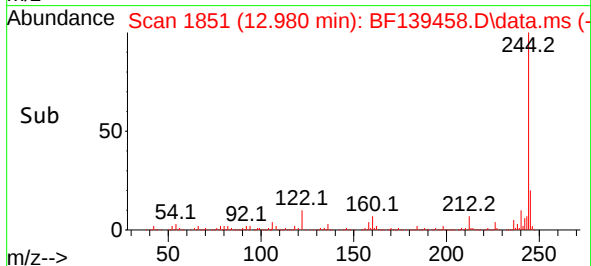
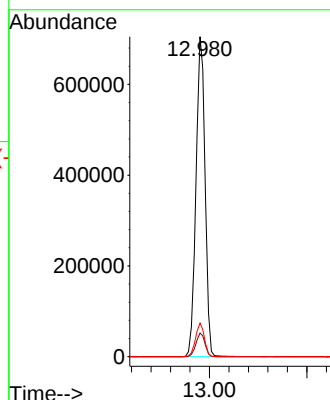
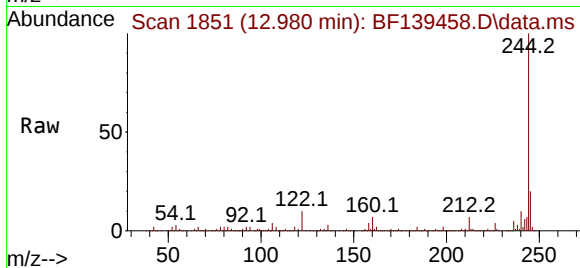
Tgt Ion:244 Resp: 918699

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.5 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF139458.D

Acq: 19 Sep 2024 12:01

Tgt Ion:264 Resp: 154087

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.0 16.6 25.0

