

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139938.D
 Acq On : 22 Oct 2024 19:54
 Operator : RC/JU
 Sample : P4385-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Oct 23 06:22:19 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	133976	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	526107	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	267934	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	399571	20.000	ng	0.00
76) Chrysene-d12	14.051	240	295422	20.000	ng	0.00
86) Perylene-d12	15.527	264	332333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	960943	112.285	ng	0.00
7) Phenol-d6	6.504	99	1215916	109.699	ng	0.00
23) Nitrobenzene-d5	7.445	82	789539	83.175	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	204962	81.783	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1392694	85.906	ng	0.00
79) Terphenyl-d14	12.998	244	1194136	65.866	ng	0.00

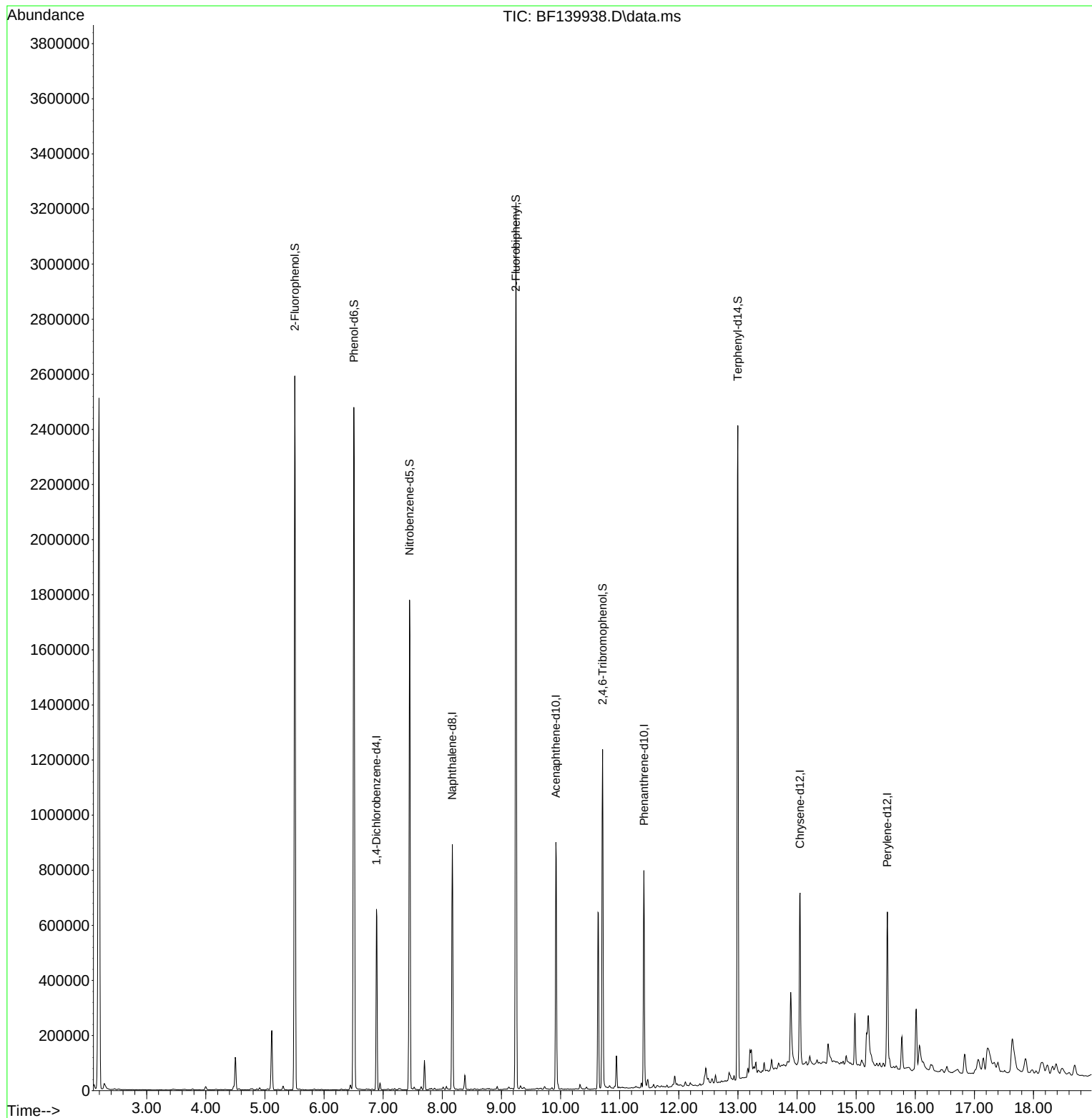
Target Compounds	Qvalue

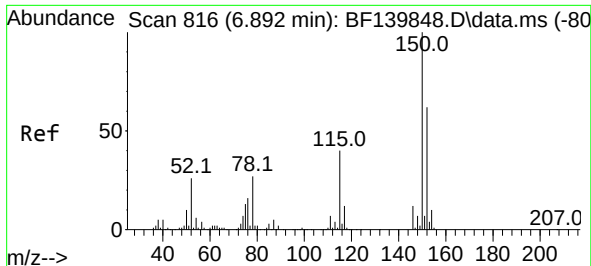
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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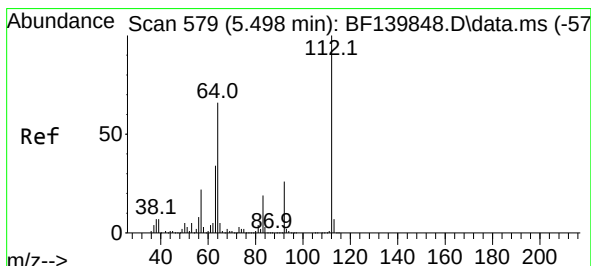
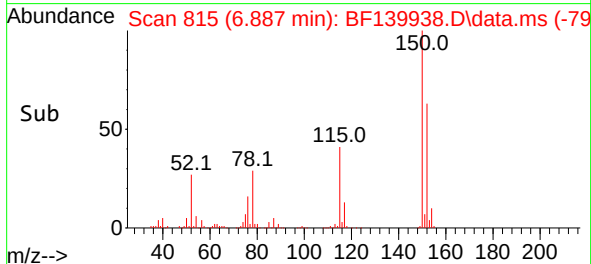
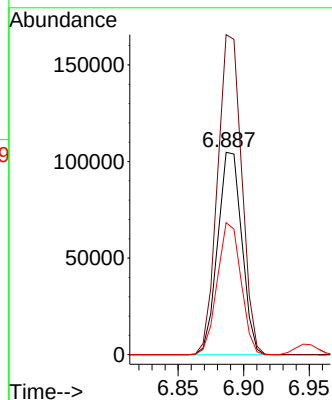
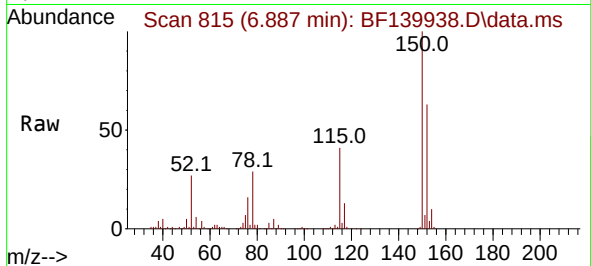




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

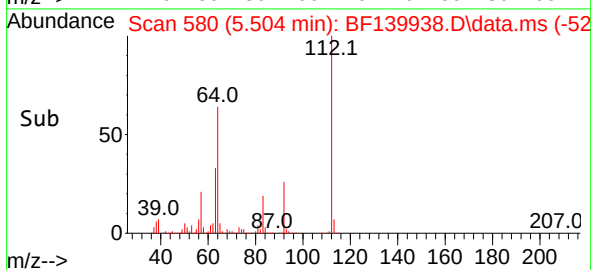
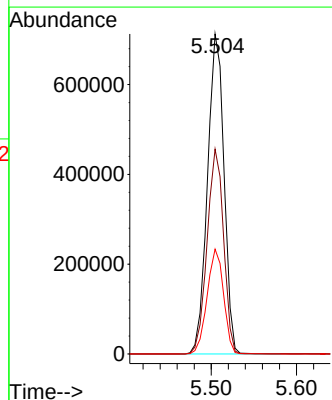
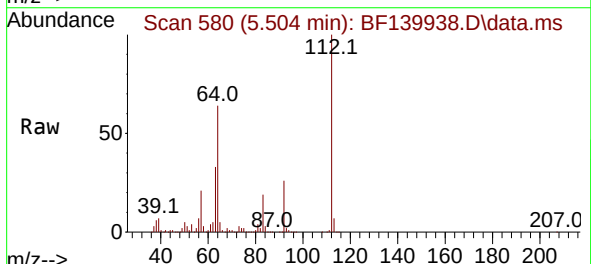
Instrument :
BNA_F
ClientSampleId :
SP-3

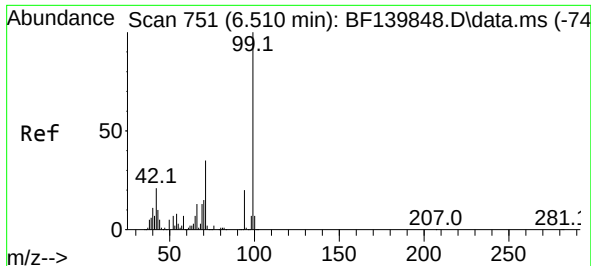
Tgt Ion:152 Resp: 133976
Ion Ratio Lower Upper
152 100
150 158.0 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 112.285 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

Tgt Ion:112 Resp: 960943
Ion Ratio Lower Upper
112 100
64 64.0 53.0 79.6
63 32.8 27.0 40.4

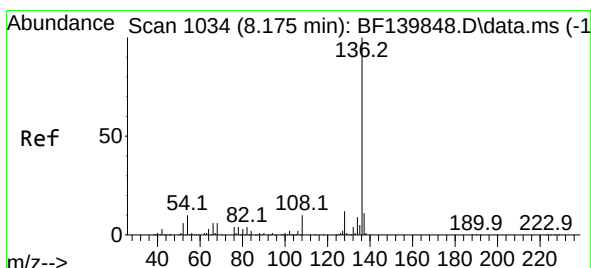
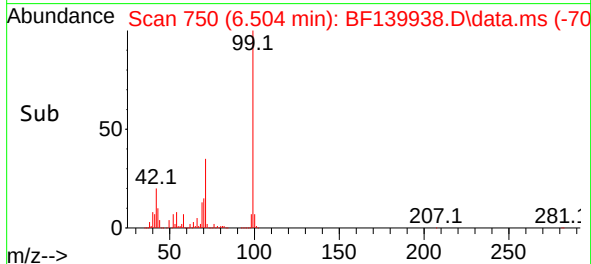
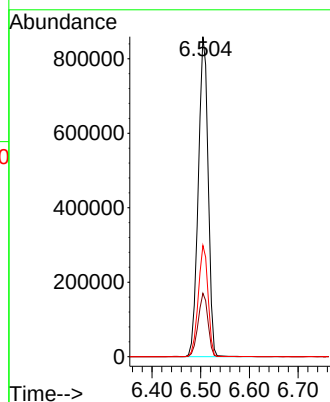
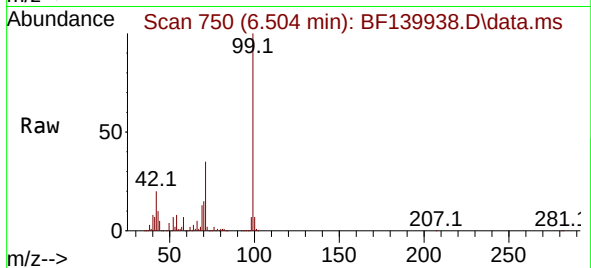




#7
Phenol-d6
Concen: 109.699 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

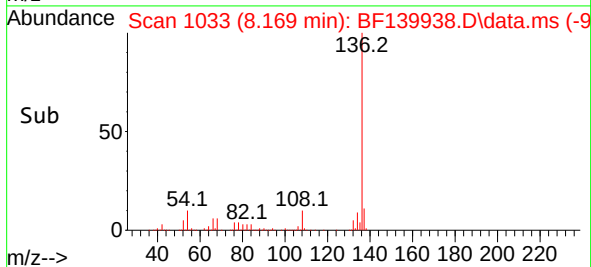
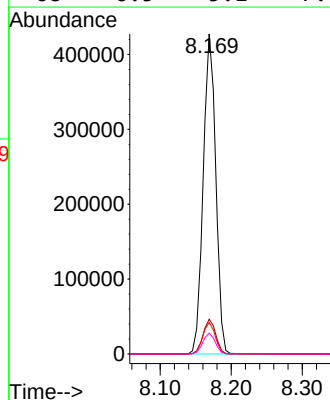
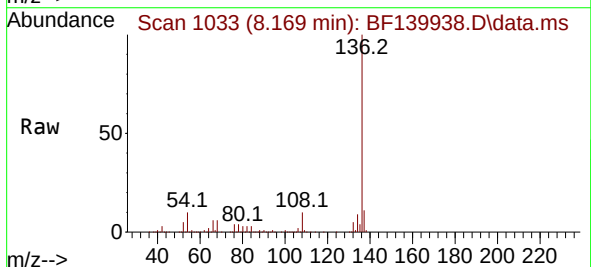
Instrument :
BNA_F
ClientSampleId :
SP-3

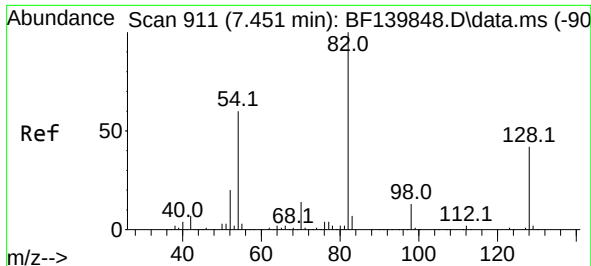
Tgt Ion: 99 Resp: 1215916
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 34.8 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139938.D
Acq: 22 Oct 2024 19:54

Tgt Ion: 136 Resp: 526107
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.9 8.4 12.6
68 6.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 83.175 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139938.D

Acq: 22 Oct 2024 19:54

Instrument :

BNA_F

ClientSampleId :

SP-3

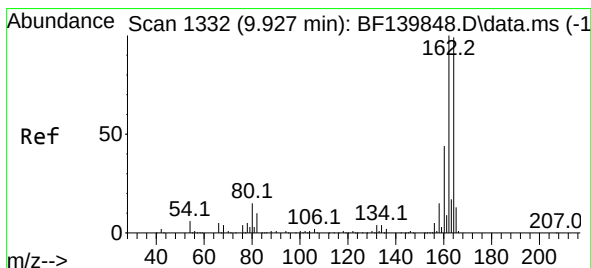
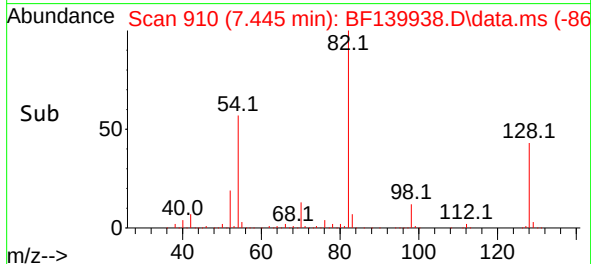
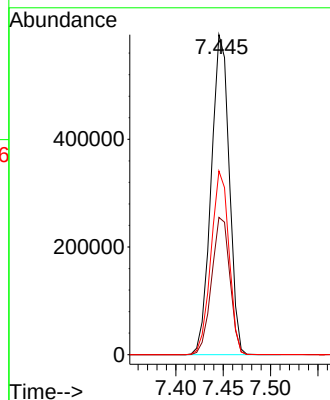
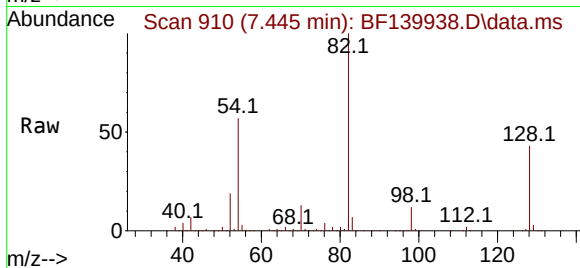
Tgt Ion: 82 Resp: 789539

Ion Ratio Lower Upper

82 100

128 42.9 33.4 50.0

54 57.4 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: BF139938.D

Acq: 22 Oct 2024 19:54

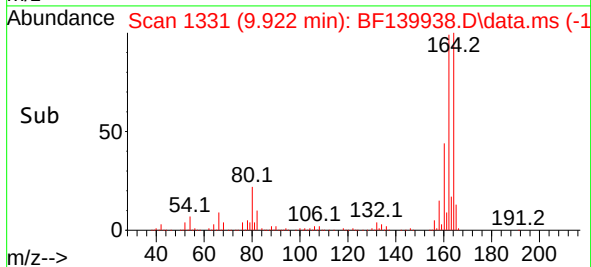
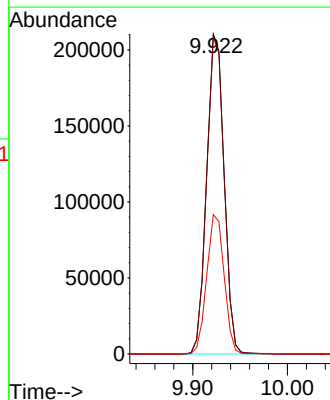
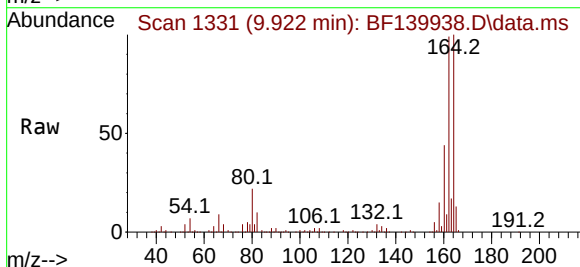
Tgt Ion:164 Resp: 267934

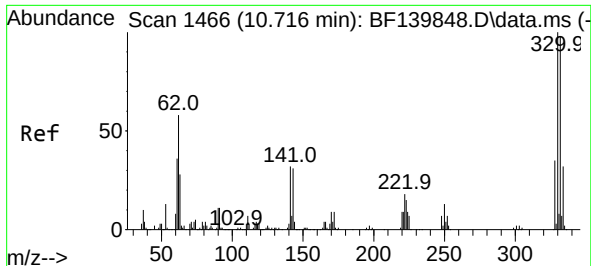
Ion Ratio Lower Upper

164 100

162 99.0 81.0 121.4

160 43.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 81.783 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139938.D

Acq: 22 Oct 2024 19:54

Instrument :

BNA_F

ClientSampleId :

SP-3

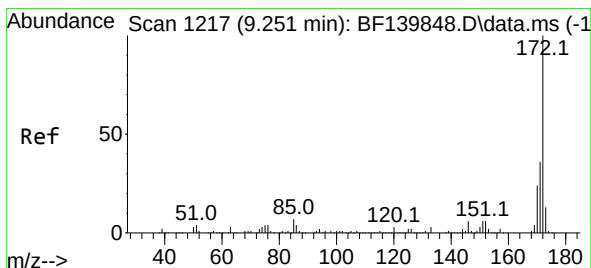
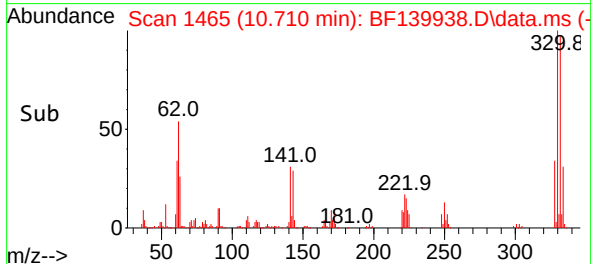
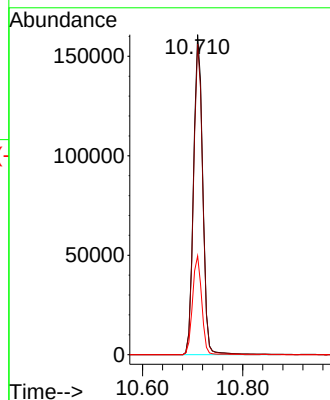
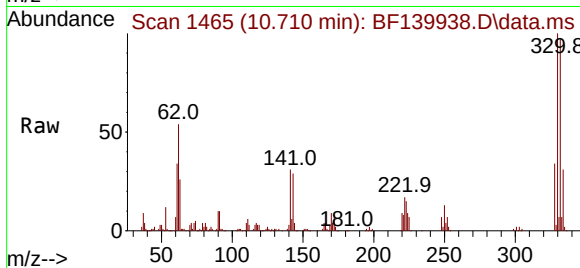
Tgt Ion:330 Resp: 204962

Ion Ratio Lower Upper

330 100

332 96.9 78.1 117.1

141 30.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 85.906 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139938.D

Acq: 22 Oct 2024 19:54

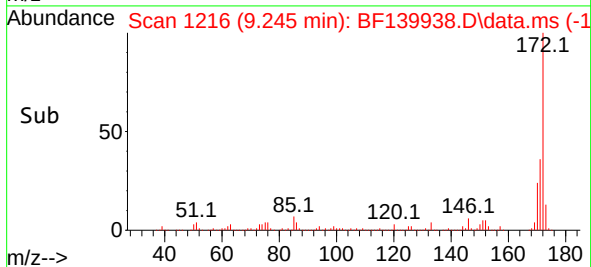
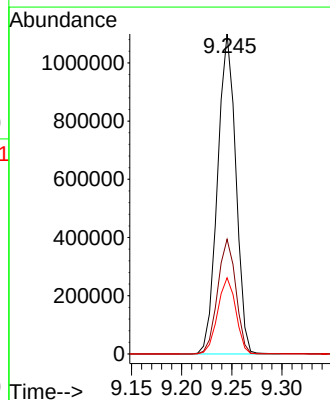
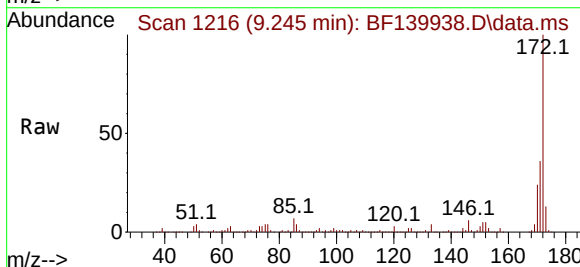
Tgt Ion:172 Resp: 1392694

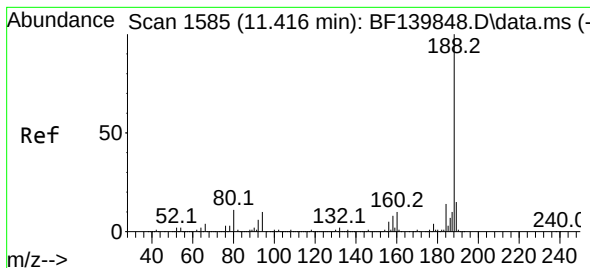
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.8 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: BF139938.D

Acq: 22 Oct 2024 19:54

Instrument :

BNA_F

ClientSampleId :

SP-3

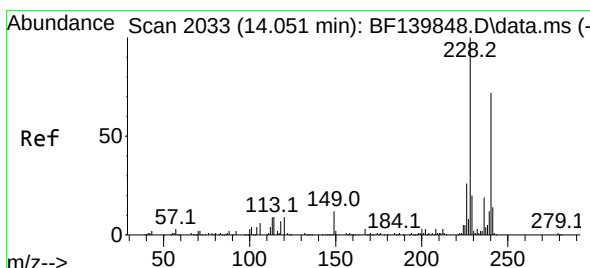
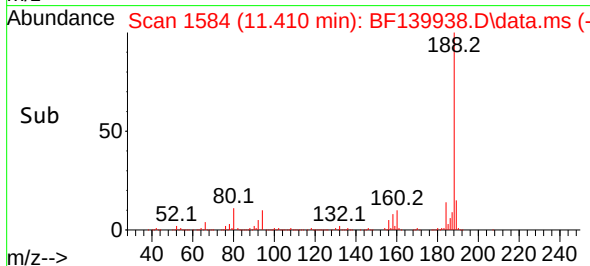
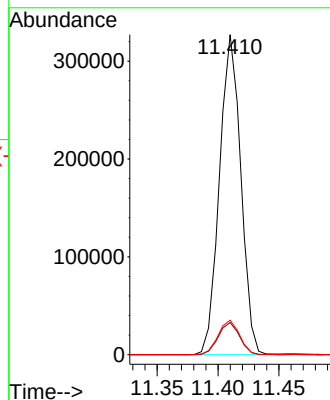
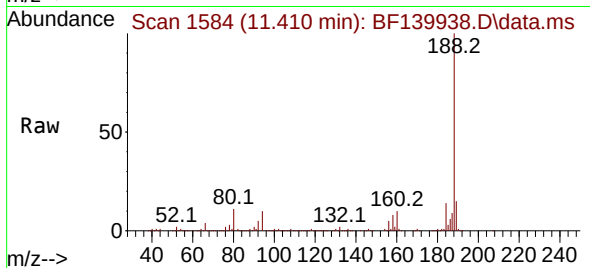
Tgt Ion:188 Resp: 399571

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.8 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: BF139938.D

Acq: 22 Oct 2024 19:54

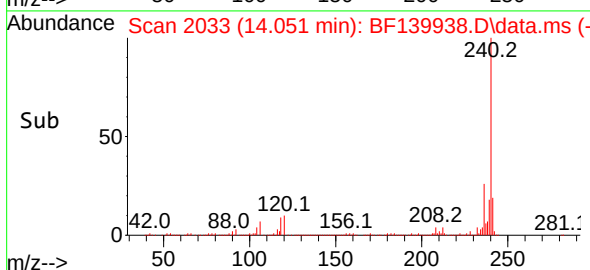
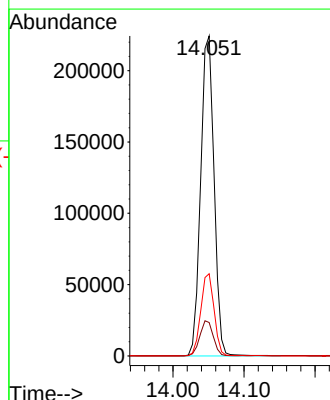
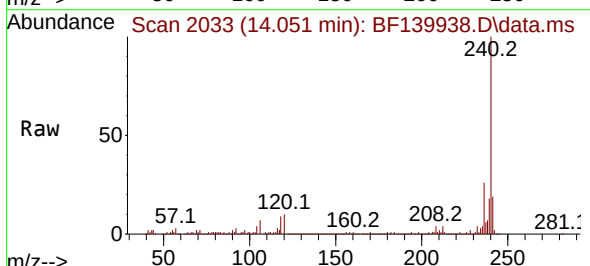
Tgt Ion:240 Resp: 295422

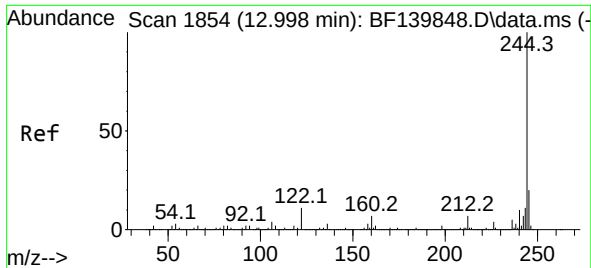
Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 25.7 20.9 31.3

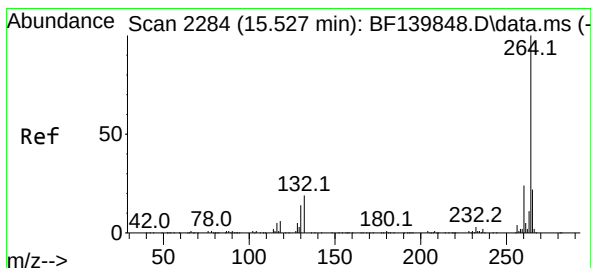
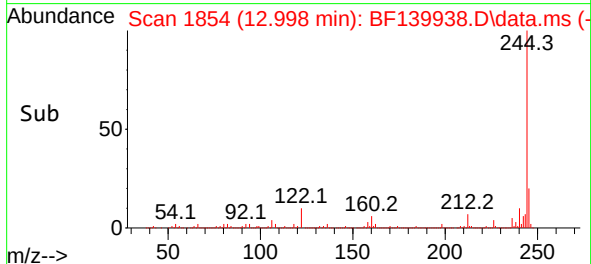
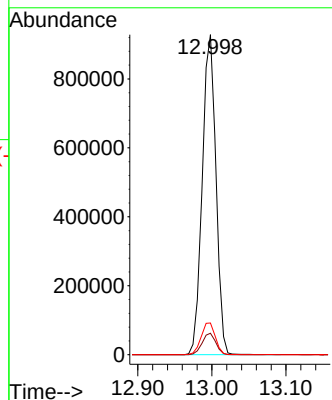
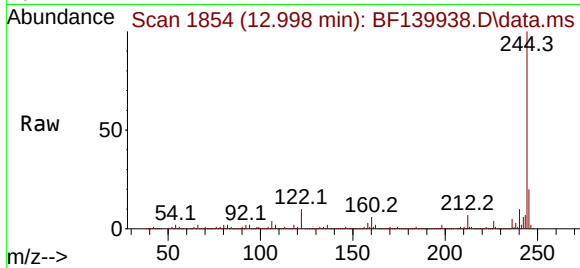




#79
 Terphenyl-d14
 Concen: 65.866 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139938.D
 Acq: 22 Oct 2024 19:54

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tgt Ion:244 Resp: 1194136
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 9.9 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: BF139938.D
 Acq: 22 Oct 2024 19:54

Tgt Ion:264 Resp: 332333
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.4 17.4 26.0

