

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140131.D
 Acq On : 29 Oct 2024 23:49
 Operator : RC/JU
 Sample : P4594-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Oct 30 01:06:07 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	6.886	152	125413	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	486249	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	241517	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	338082	20.000	ng	0.00
76) Chrysene-d12	14.051	240	258017	20.000	ng	0.00
86) Perylene-d12	15.539	264	243228	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	499768	62.384	ng	0.00
7) Phenol-d6	6.504	99	657607	63.380	ng	0.00
23) Nitrobenzene-d5	7.445	82	400999	45.707	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	116991	51.787	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	717752	49.116	ng	-0.01
79) Terphenyl-d14	12.998	244	535821	33.839	ng	0.00

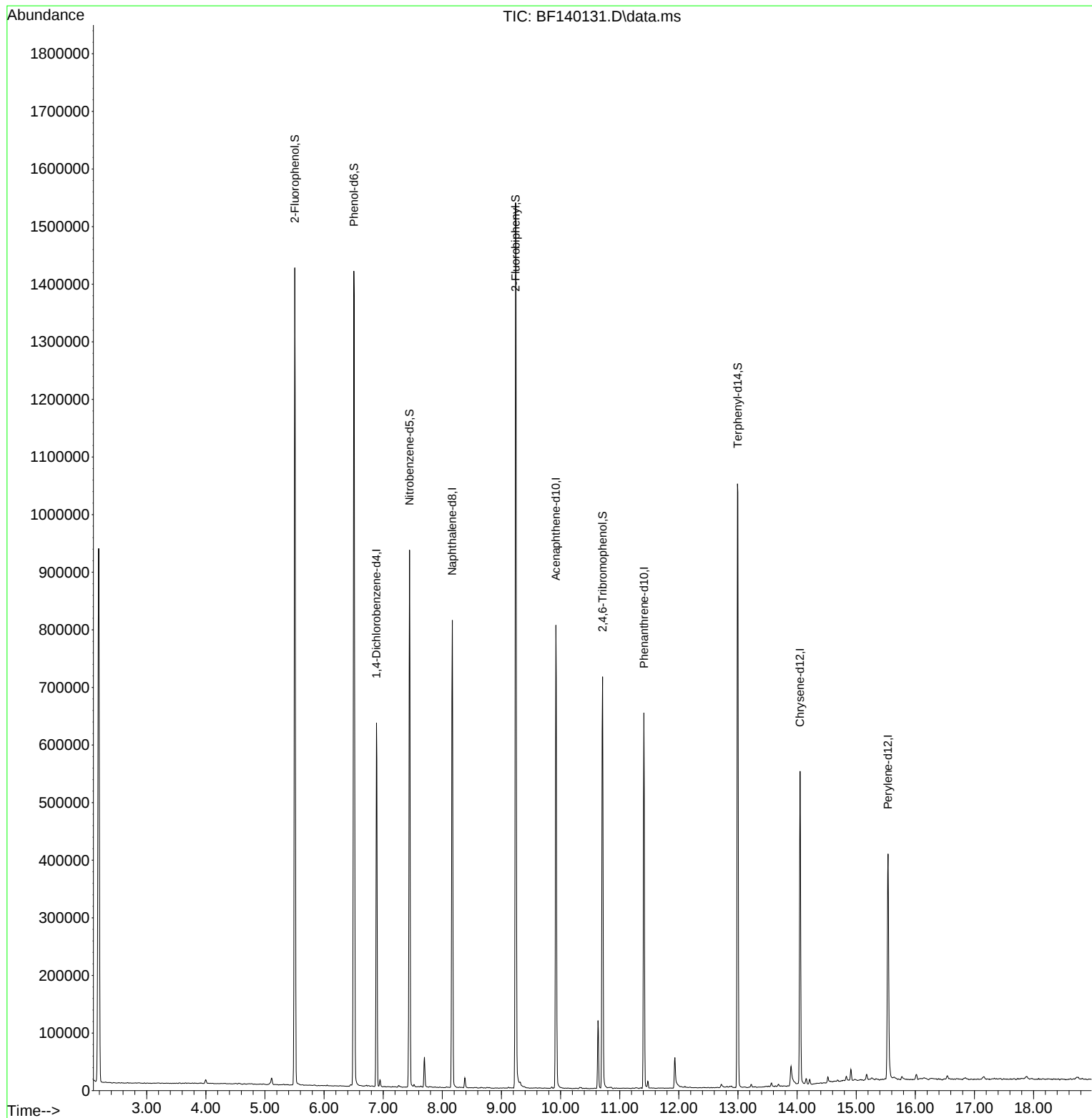
Target Compounds	Qvalue

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

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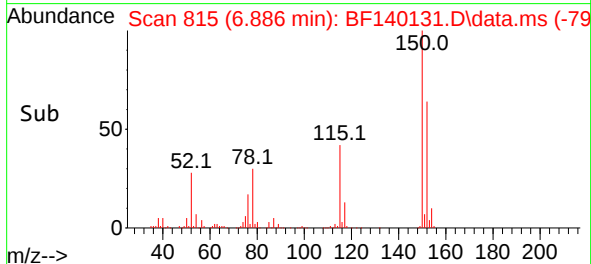
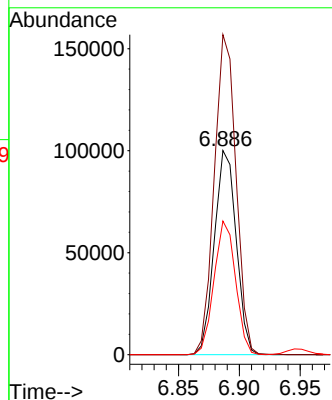
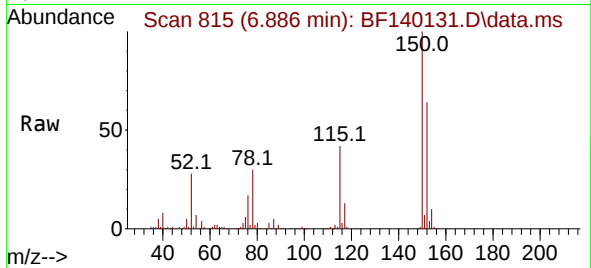




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

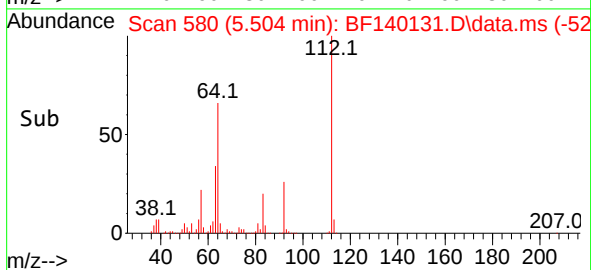
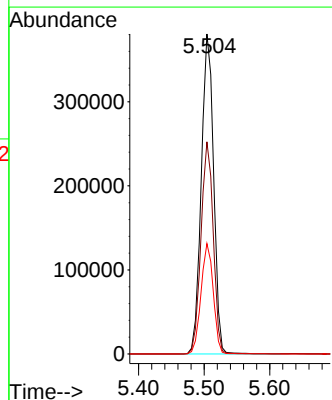
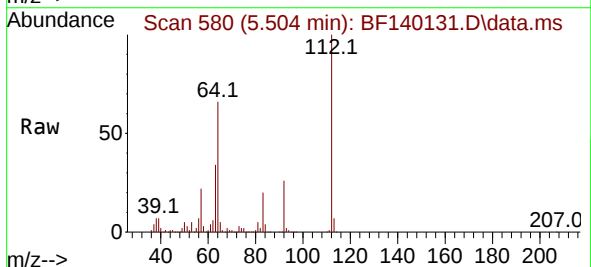
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 125413
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.2
115 65.4 51.4 77.2



#5
2-Fluorophenol
Concen: 62.384 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

Tgt Ion:112 Resp: 499768
Ion Ratio Lower Upper
112 100
64 66.3 53.0 79.6
63 34.5 27.0 40.4





#7

Phenol-d6

Concen: 63.380 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140131.D

Acq: 29 Oct 2024 23:49

Instrument :

BNA_F

ClientSampleId :

TP-5

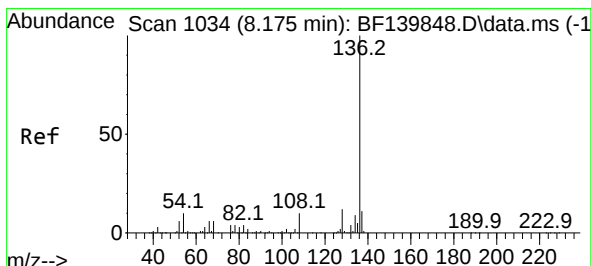
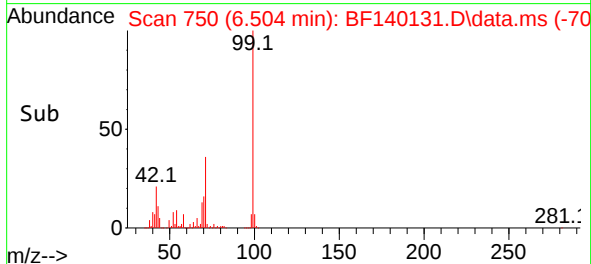
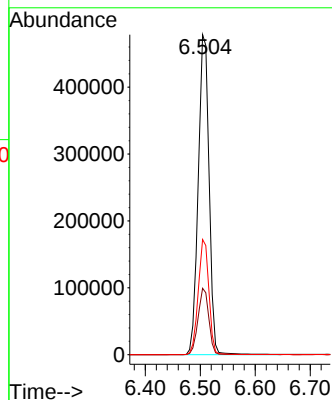
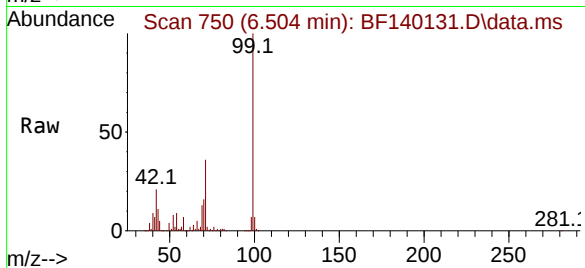
Tgt Ion: 99 Resp: 657607

Ion Ratio Lower Upper

99 100

42 20.8 16.7 25.1

71 36.0 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: BF140131.D

Acq: 29 Oct 2024 23:49

Tgt Ion: 136 Resp: 486249

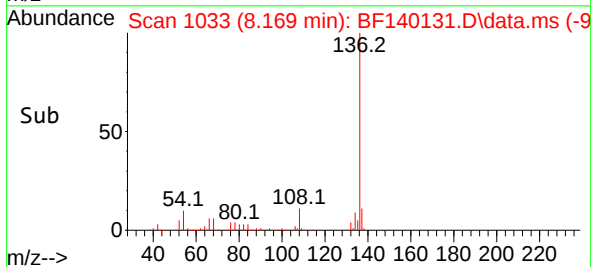
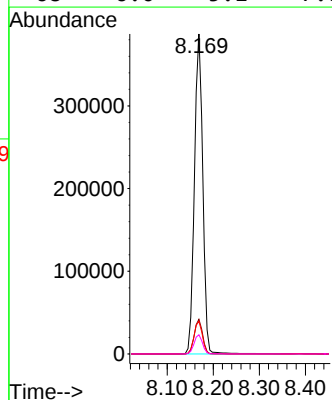
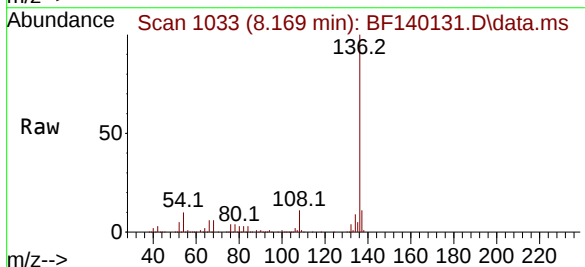
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 10.2 8.4 12.6

68 6.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 45.707 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140131.D

Acq: 29 Oct 2024 23:49

Instrument :

BNA_F

ClientSampleId :

TP-5

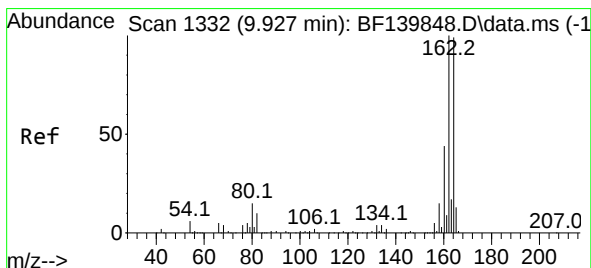
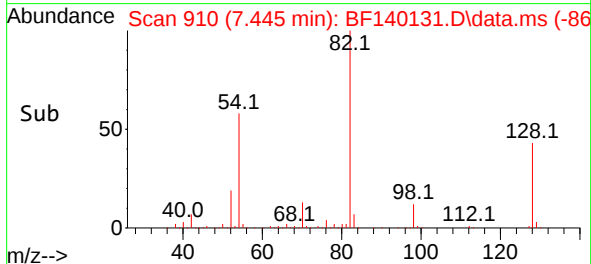
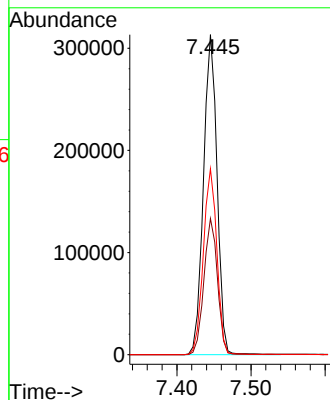
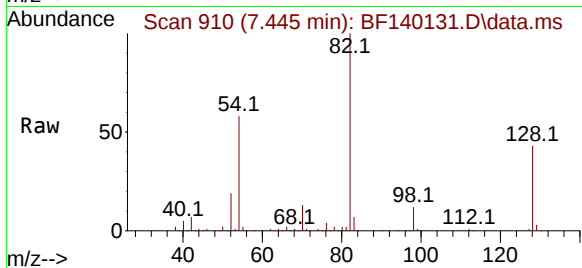
Tgt Ion: 82 Resp: 400999

Ion Ratio Lower Upper

82 100

128 42.6 33.4 50.0

54 58.1 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: BF140131.D

Acq: 29 Oct 2024 23:49

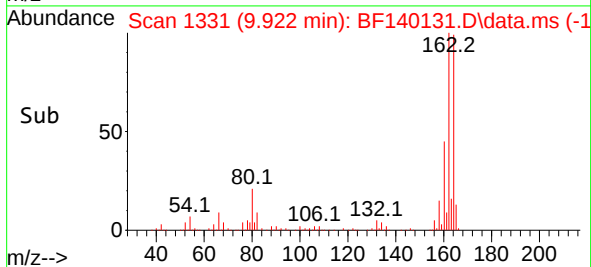
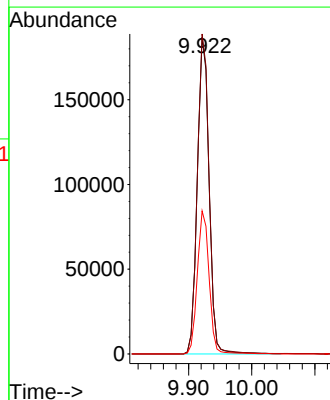
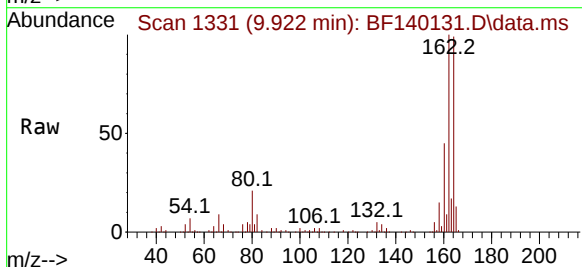
Tgt Ion:164 Resp: 241517

Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.4

160 45.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 51.787 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140131.D

Acq: 29 Oct 2024 23:49

Instrument :

BNA_F

ClientSampleId :

TP-5

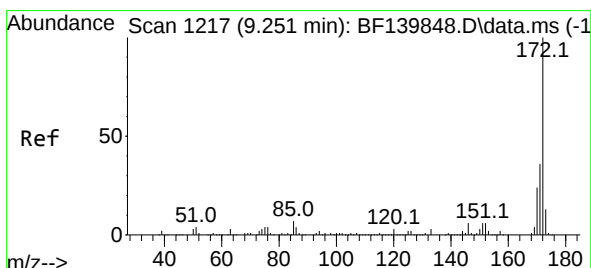
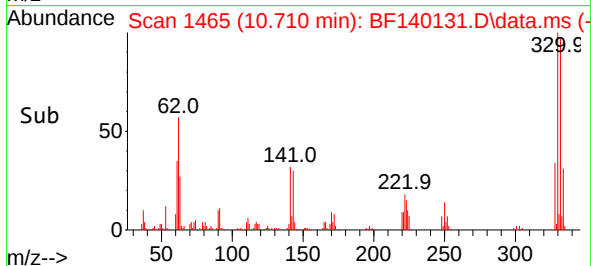
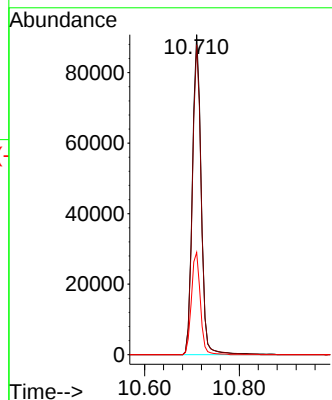
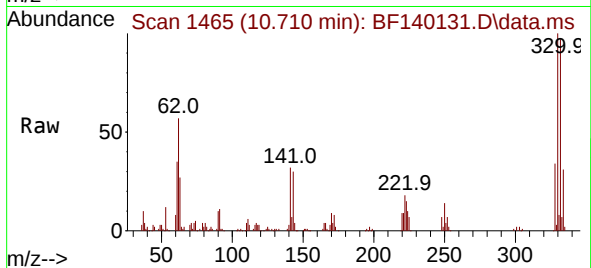
Tgt Ion:330 Resp: 116991

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

141 32.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 49.116 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140131.D

Acq: 29 Oct 2024 23:49

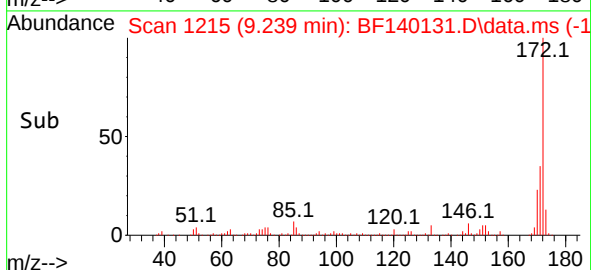
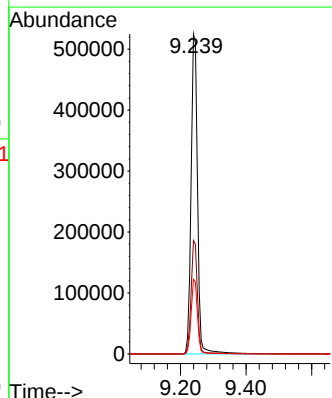
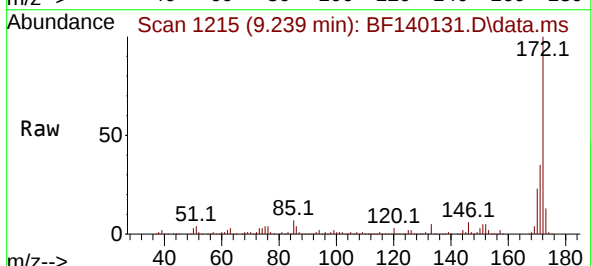
Tgt Ion:172 Resp: 717752

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.4 19.1 28.7

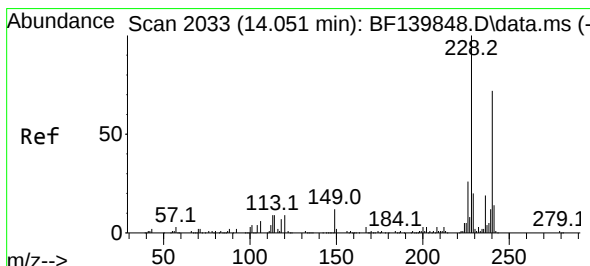
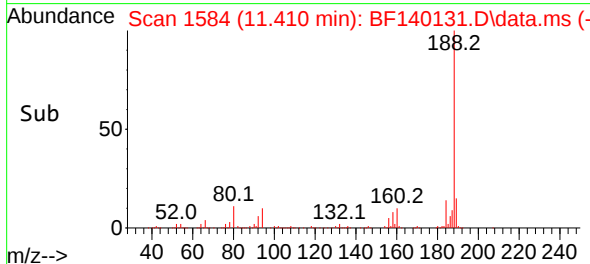
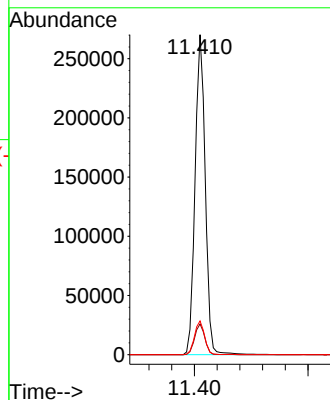
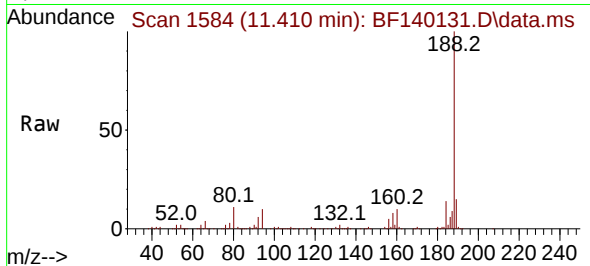




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

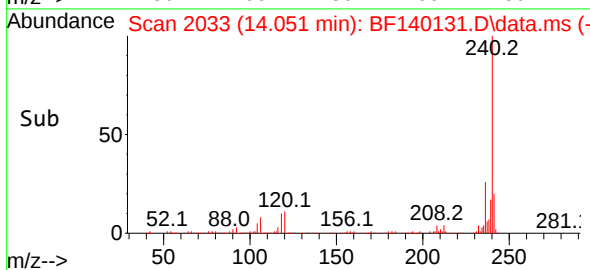
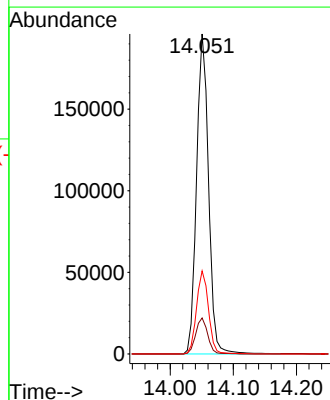
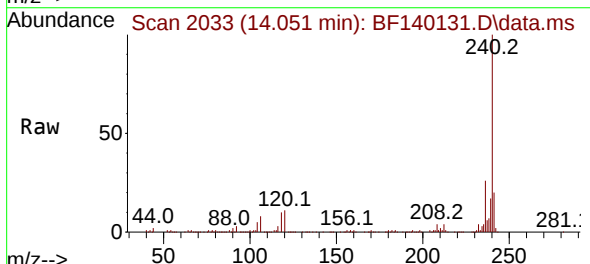
Instrument :
BNA_F
ClientSampleId :
TP-5

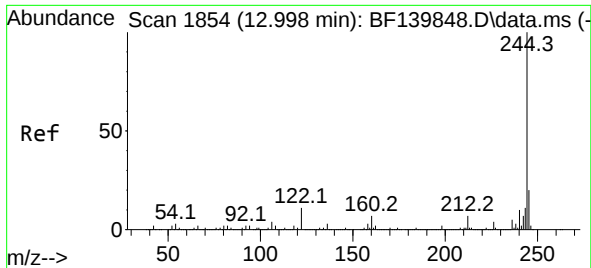
Tgt Ion:188 Resp: 338082
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.5 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

Tgt Ion:240 Resp: 258017
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 26.0 20.9 31.3

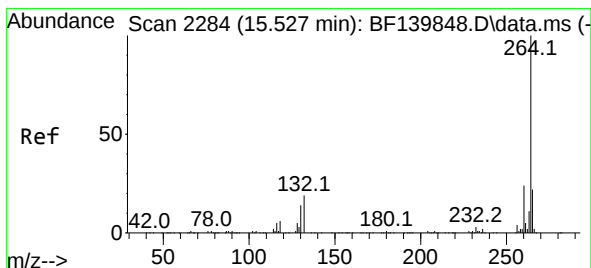
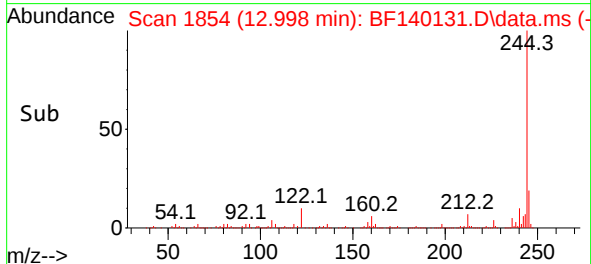
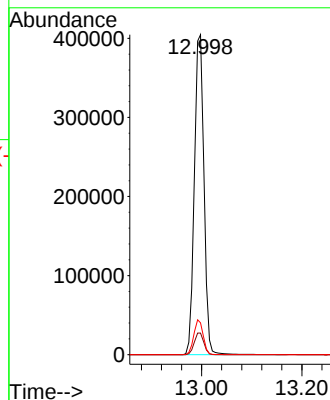
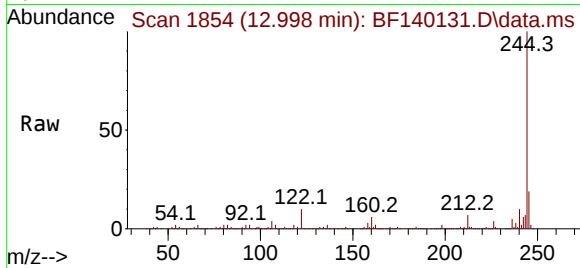




#79
 Terphenyl-d14
 Concen: 33.839 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF140131.D
 Acq: 29 Oct 2024 23:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 535821
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. 0.012 min
 Lab File: BF140131.D
 Acq: 29 Oct 2024 23:49

Tgt Ion:264 Resp: 243228
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.2 17.4 26.0

