

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140122.D
 Acq On : 29 Oct 2024 19:55
 Operator : RC/JU
 Sample : P4567-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Oct 30 01:04:00 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	131136	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	503166	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	260127	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	377150	20.000	ng	0.00
76) Chrysene-d12	14.057	240	247934	20.000	ng	0.00
86) Perylene-d12	15.557	264	240453	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	650779	77.689	ng	0.00
7) Phenol-d6	6.510	99	825440	76.083	ng	0.00
23) Nitrobenzene-d5	7.445	82	559177	61.593	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	182793	75.126	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	968740	61.548	ng	0.00
79) Terphenyl-d14	12.998	244	704754	46.318	ng	0.00

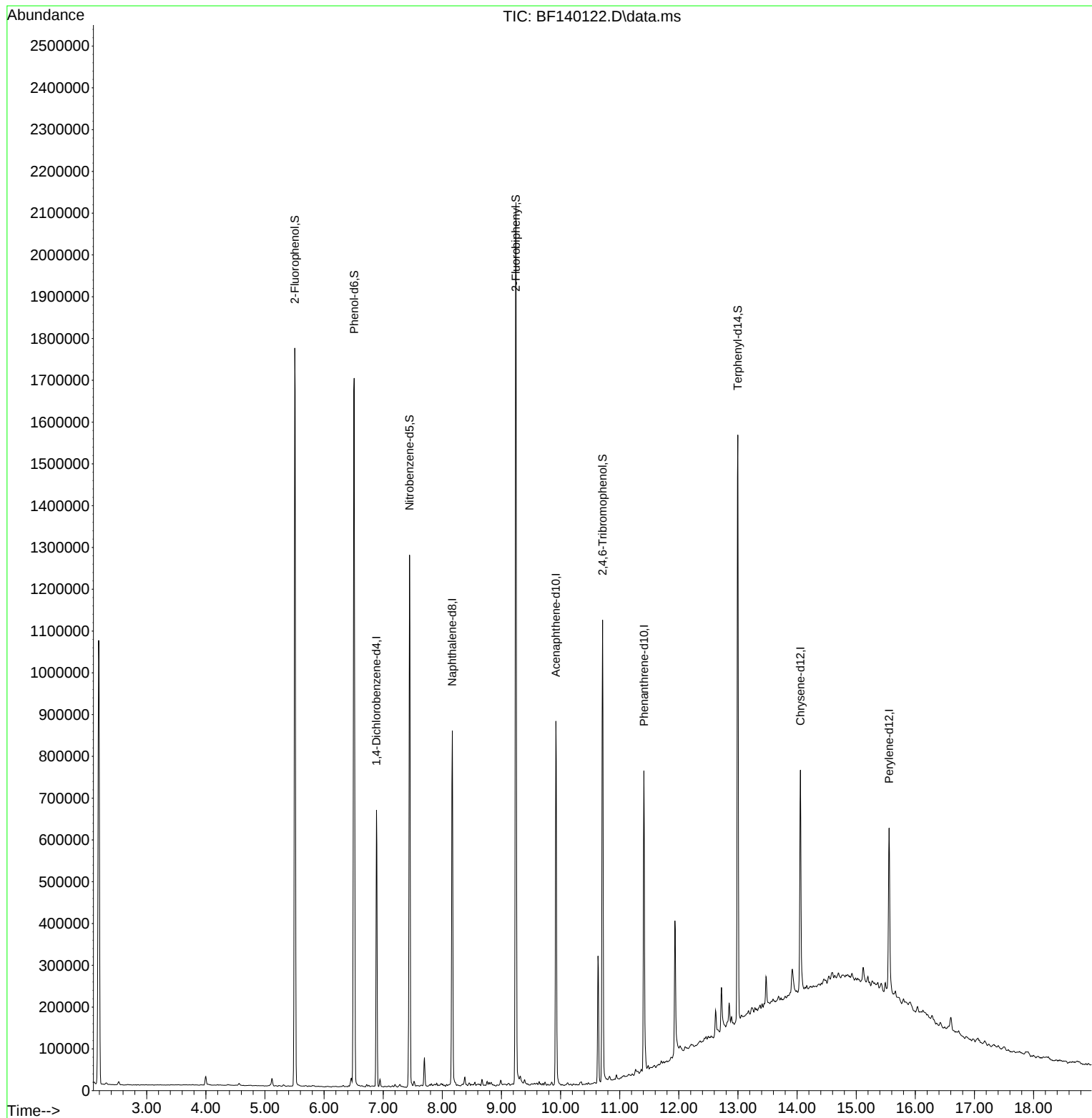
Target Compounds	Qvalue

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

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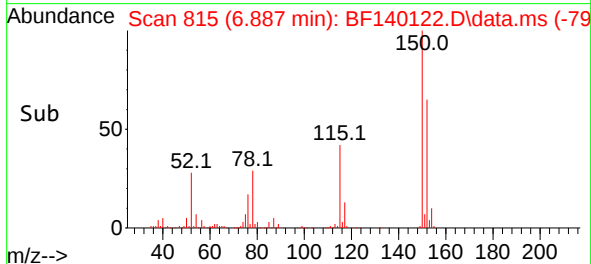
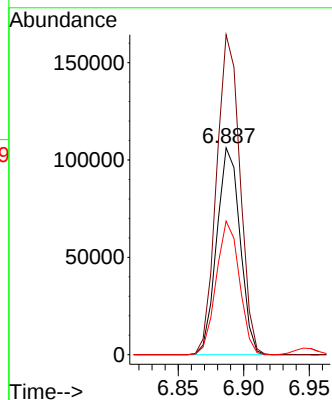
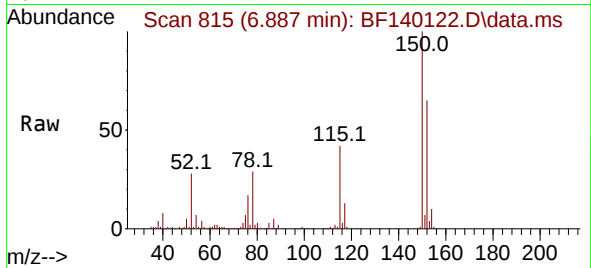




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140122.D
Acq: 29 Oct 2024 19:55

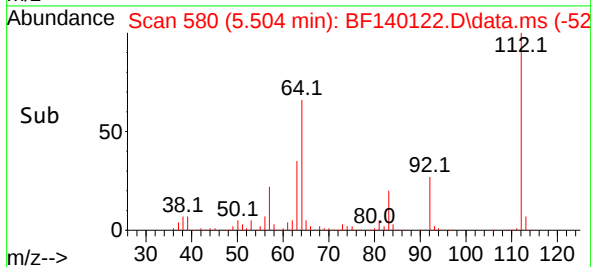
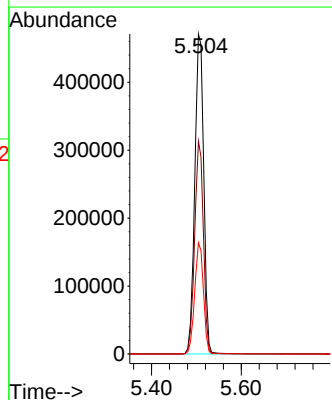
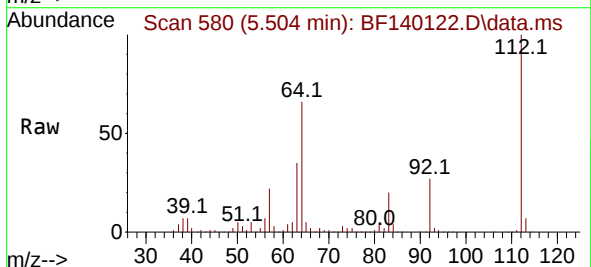
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:152 Resp: 131136
Ion Ratio Lower Upper
152 100
150 154.7 130.2 195.2
115 64.6 51.4 77.2



#5
2-Fluorophenol
Concen: 77.689 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140122.D
Acq: 29 Oct 2024 19:55

Tgt Ion:112 Resp: 650779
Ion Ratio Lower Upper
112 100
64 66.5 53.0 79.6
63 34.8 27.0 40.4

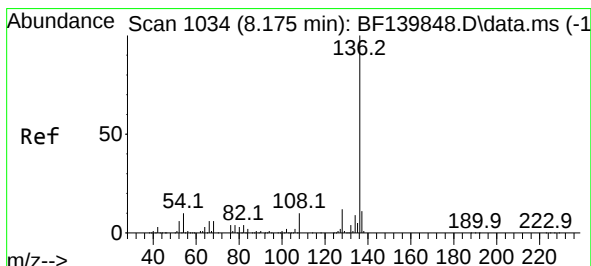
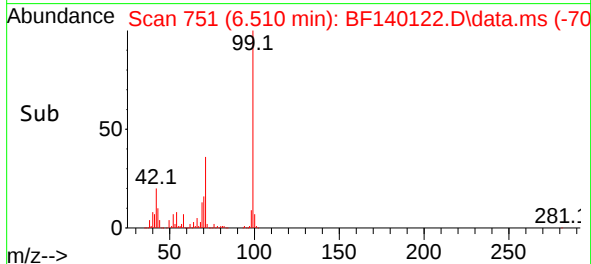
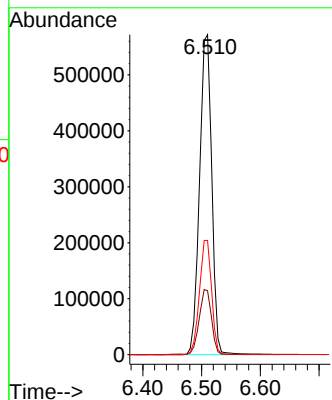
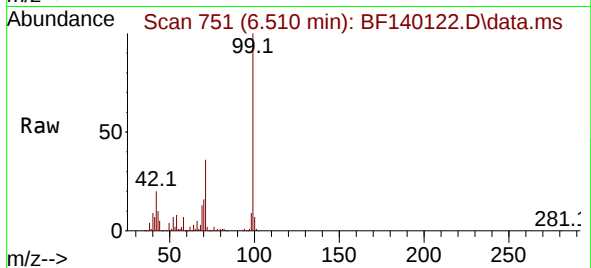




#7
Phenol-d6
Concen: 76.083 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140122.D
Acq: 29 Oct 2024 19:55

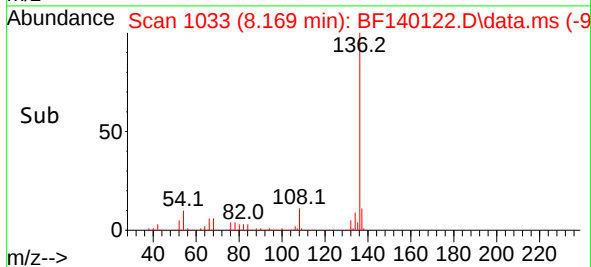
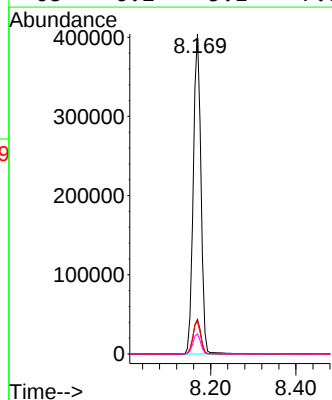
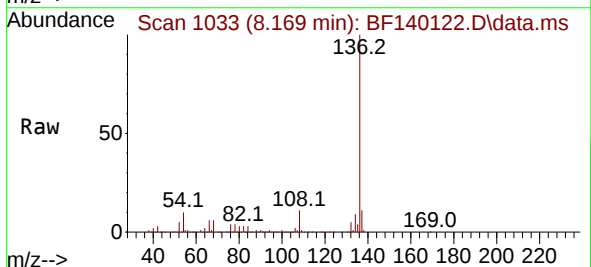
Instrument :
BNA_F
ClientSampleId :
WC-2

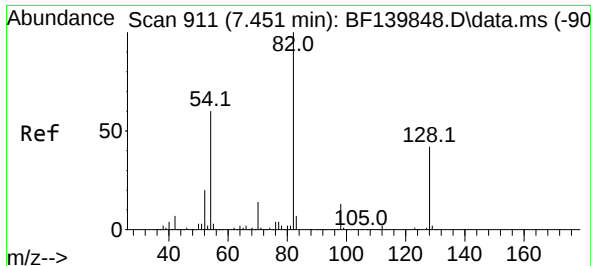
Tgt Ion: 99 Resp: 825440
Ion Ratio Lower Upper
99 100
42 20.0 16.7 25.1
71 35.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140122.D
Acq: 29 Oct 2024 19:55

Tgt Ion: 136 Resp: 503166
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.1 8.4 12.6
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 61.593 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140122.D

Acq: 29 Oct 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-2

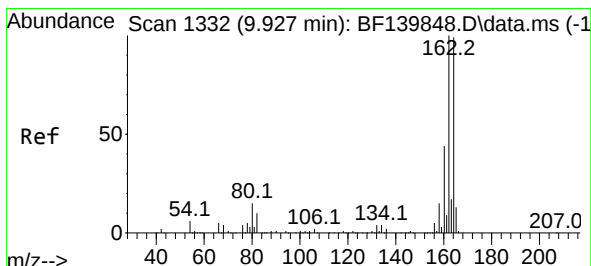
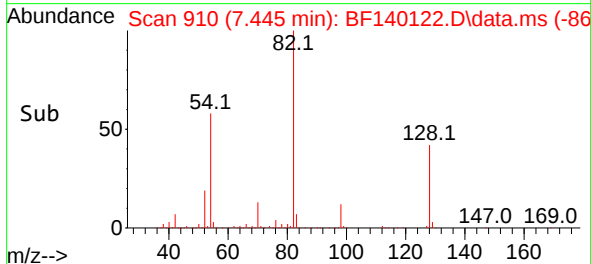
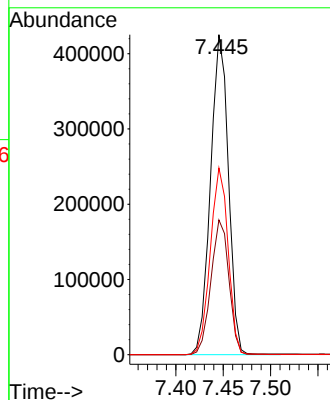
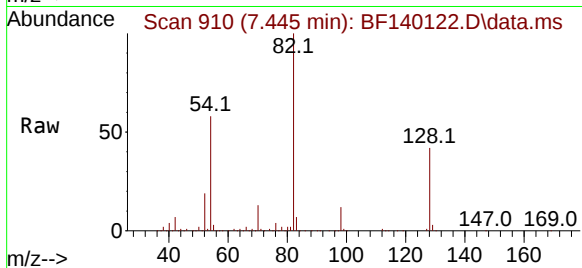
Tgt Ion: 82 Resp: 559177

Ion Ratio Lower Upper

82 100

128 42.1 33.4 50.0

54 58.4 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: BF140122.D

Acq: 29 Oct 2024 19:55

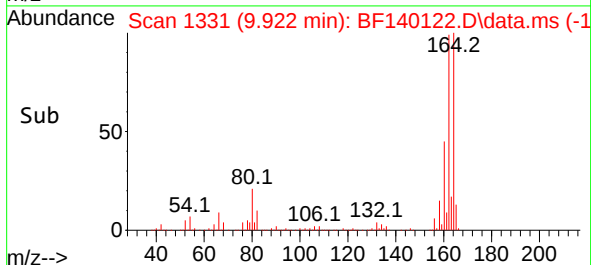
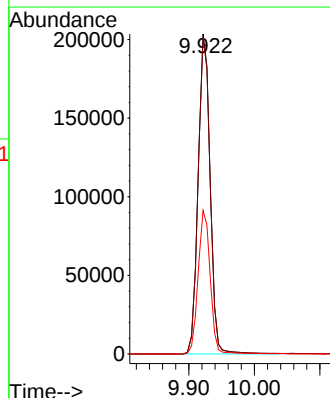
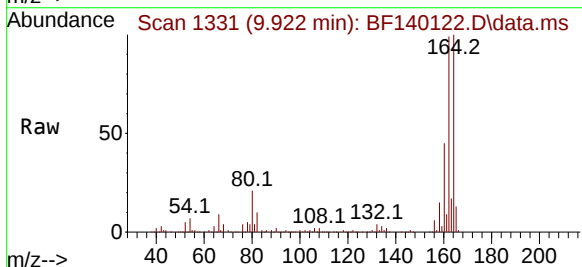
Tgt Ion:164 Resp: 260127

Ion Ratio Lower Upper

164 100

162 99.0 81.0 121.4

160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 75.126 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140122.D

Acq: 29 Oct 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-2

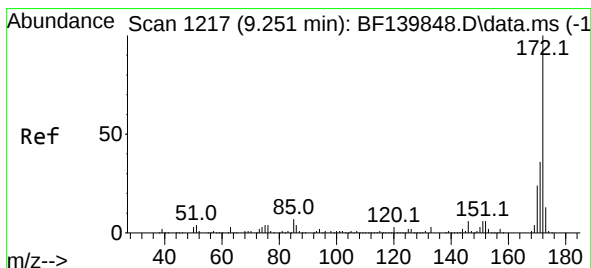
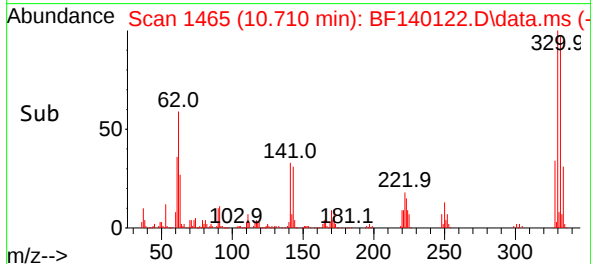
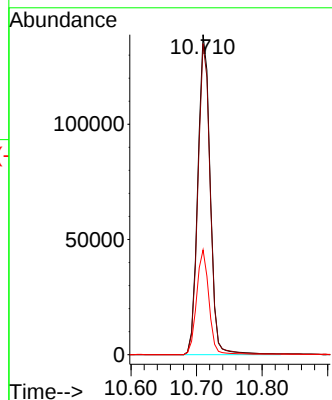
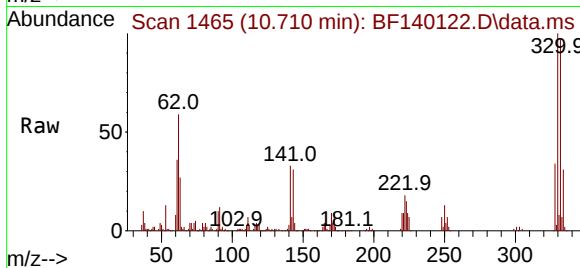
Tgt Ion:330 Resp: 182793

Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

141 32.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 61.548 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140122.D

Acq: 29 Oct 2024 19:55

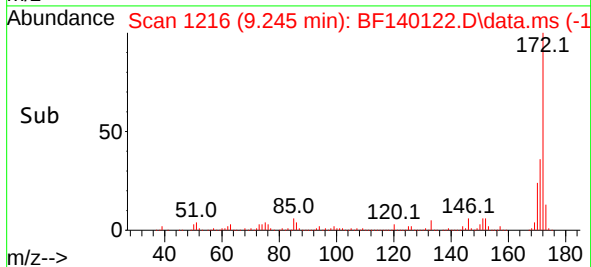
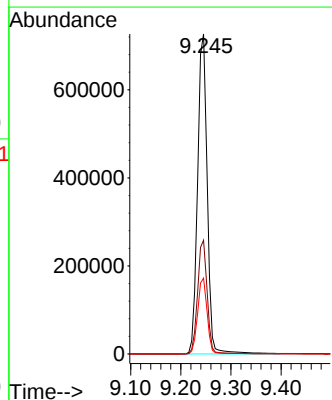
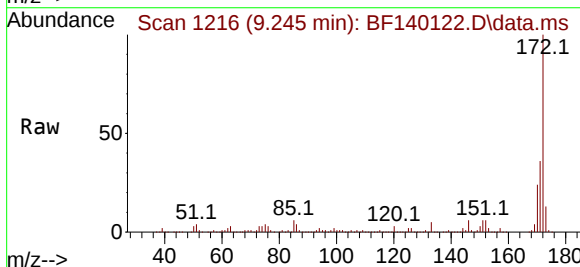
Tgt Ion:172 Resp: 968740

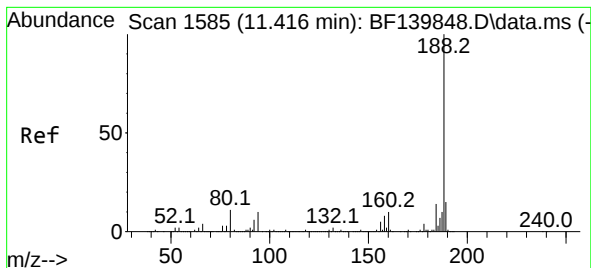
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.7 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: BF140122.D

Acq: 29 Oct 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-2

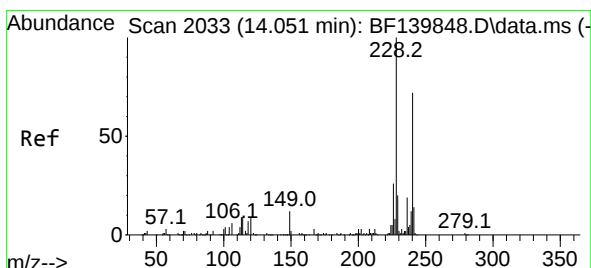
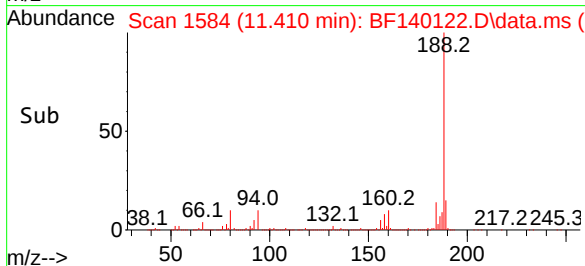
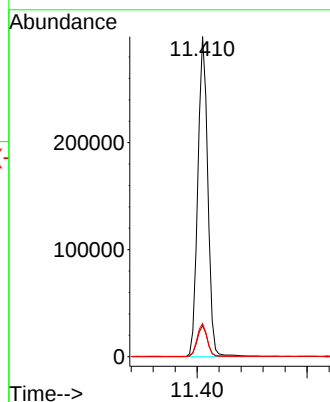
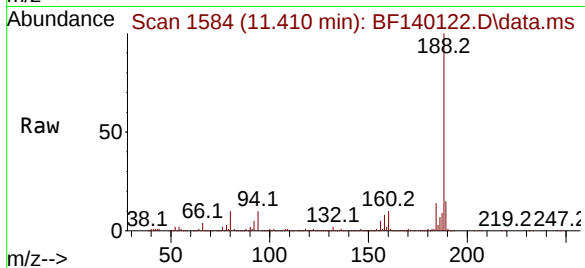
Tgt Ion:188 Resp: 377150

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.3 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140122.D

Acq: 29 Oct 2024 19:55

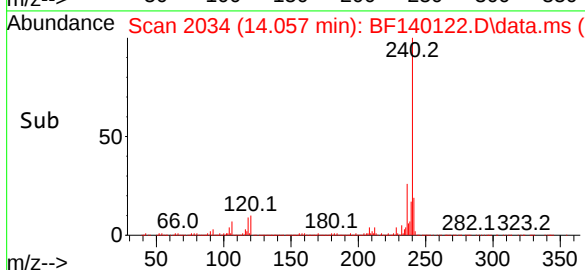
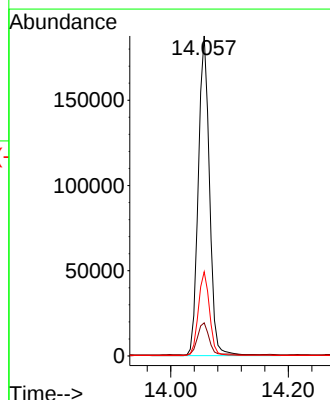
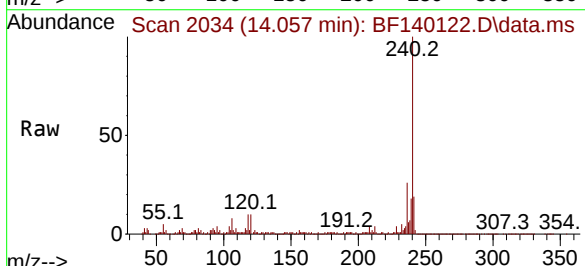
Tgt Ion:240 Resp: 247934

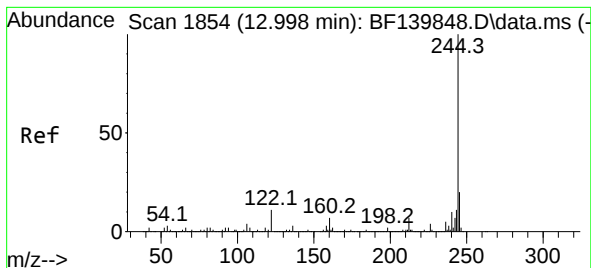
Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 46.318 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140122.D

Acq: 29 Oct 2024 19:55

Instrument :

BNA_F

ClientSampleId :

WC-2

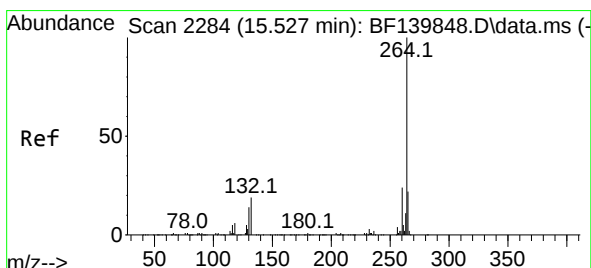
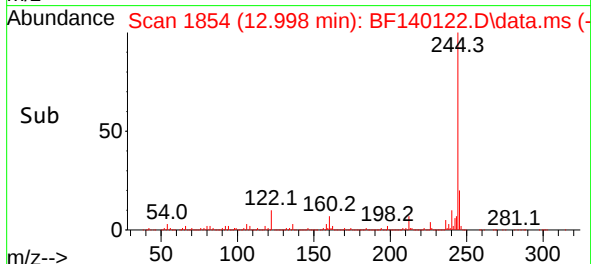
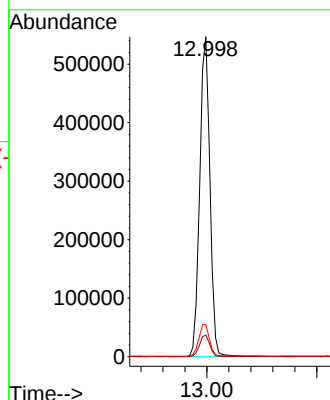
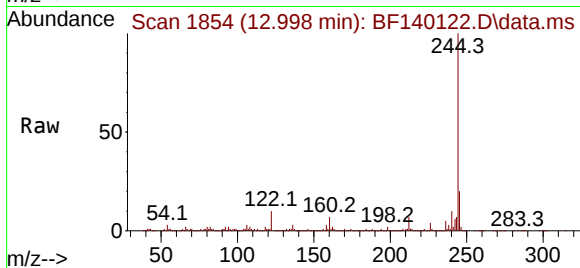
Tgt Ion:244 Resp: 704754

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: 15.557 min Scan# 2289

Delta R.T. 0.030 min

Lab File: BF140122.D

Acq: 29 Oct 2024 19:55

Tgt Ion:264 Resp: 240453

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.2 17.4 26.0

