

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140147.D
 Acq On : 30 Oct 2024 07:42
 Operator : RC/JU
 Sample : P4597-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLUE-2-2

Quant Time: Oct 30 08:07:33 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	126490	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	510371	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	276124	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	417496	20.000	ng	0.00
76) Chrysene-d12	14.051	240	254690	20.000	ng	0.00
86) Perylene-d12	15.545	264	188174	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	995657	123.226	ng	0.02
7) Phenol-d6	6.516	99	1240188	118.511	ng	0.00
23) Nitrobenzene-d5	7.451	82	867477	94.203	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	294778	114.132	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1528805	91.504	ng	0.00
79) Terphenyl-d14	12.998	244	1316768	84.245	ng	0.00

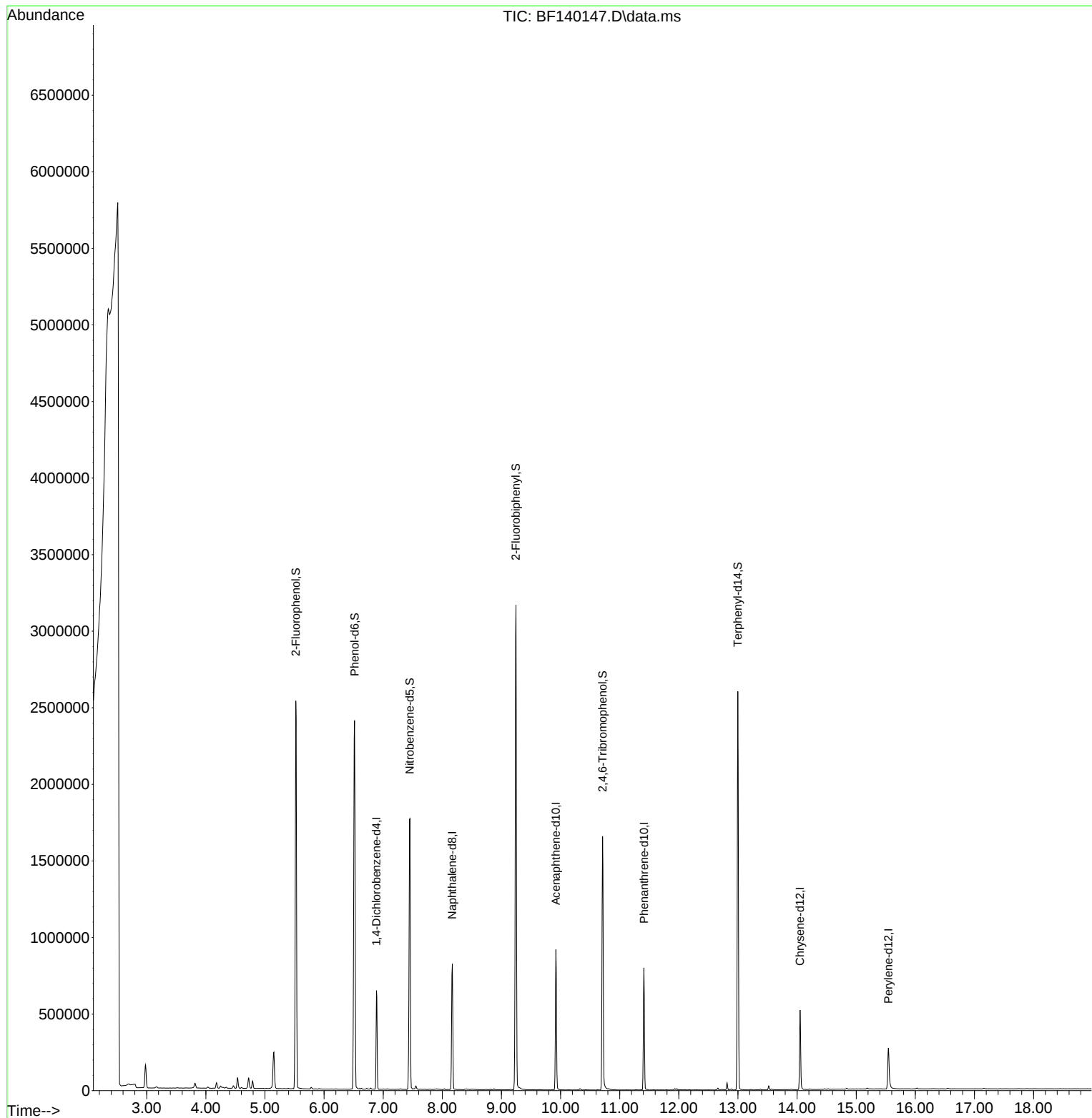
Target Compounds	Qvalue

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

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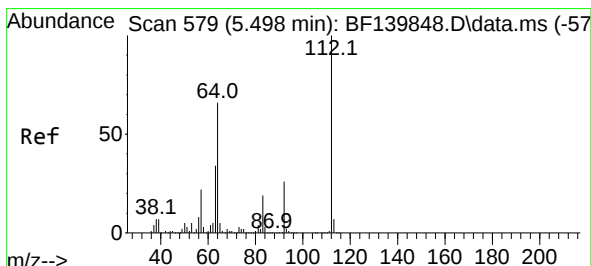
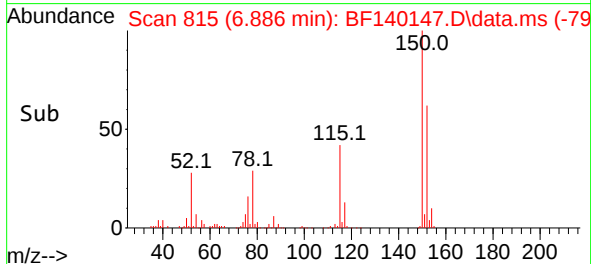
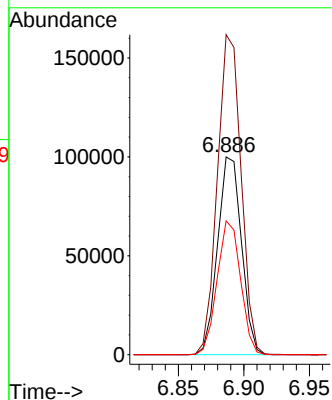
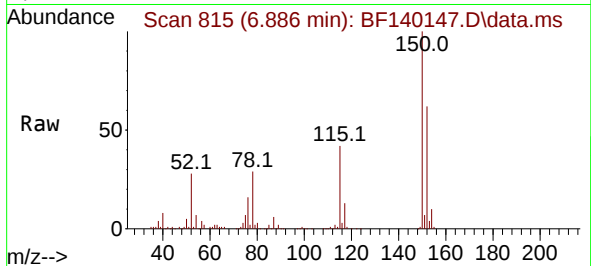




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

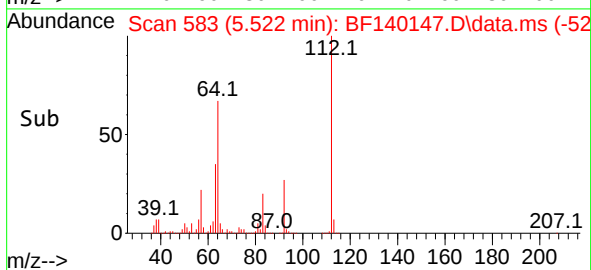
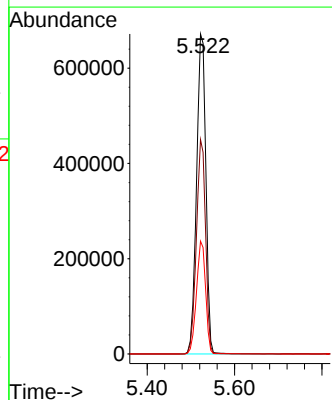
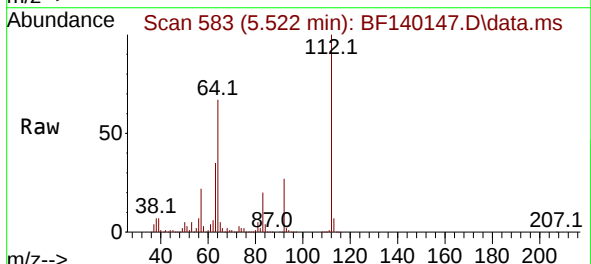
Instrument :
BNA_F
ClientSampleId :
BLUE-2-2

Tgt Ion:152 Resp: 126490
Ion Ratio Lower Upper
152 100
150 161.8 130.2 195.2
115 67.6 51.4 77.2



#5
2-Fluorophenol
Concen: 123.226 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

Tgt Ion:112 Resp: 995657
Ion Ratio Lower Upper
112 100
64 67.0 53.0 79.6
63 35.3 27.0 40.4





#7

Phenol-d6

Concen: 118.511 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140147.D

Acq: 30 Oct 2024 07:42

Instrument :

BNA_F

ClientSampleId :

BLUE-2-2

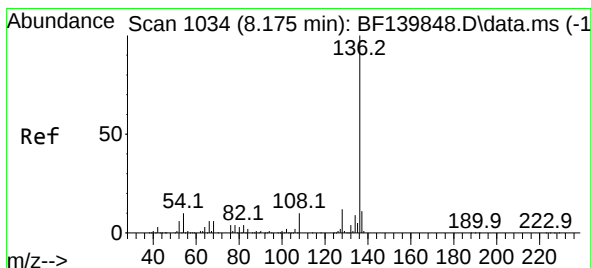
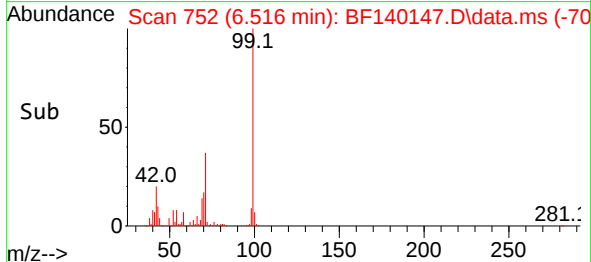
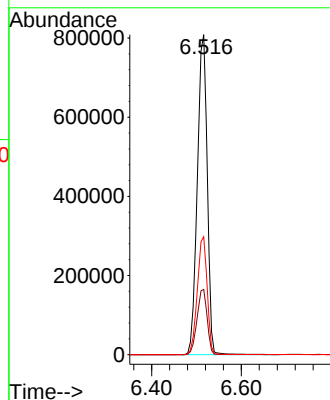
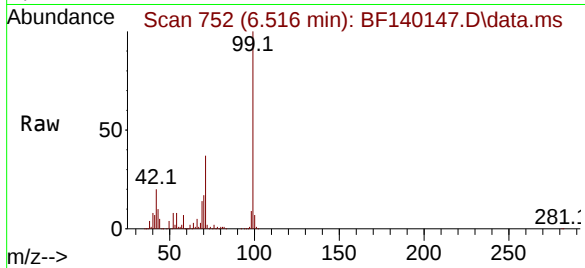
Tgt Ion: 99 Resp: 1240188

Ion Ratio Lower Upper

99 100

42 20.4 16.7 25.1

71 36.8 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: BF140147.D

Acq: 30 Oct 2024 07:42

Tgt Ion: 136 Resp: 510371

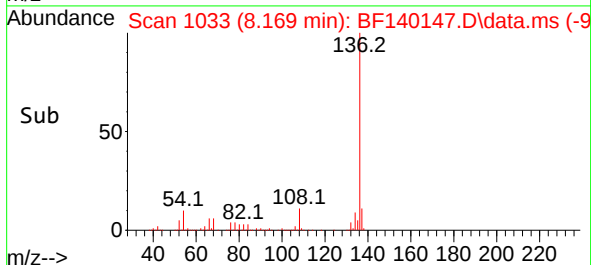
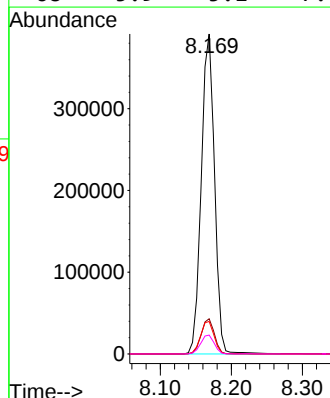
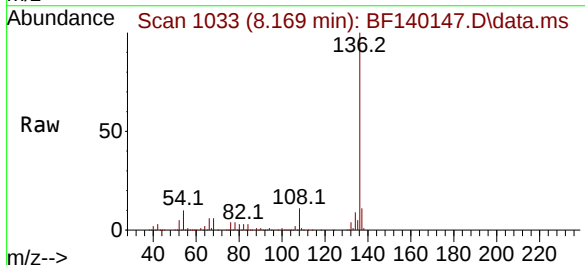
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 10.1 8.4 12.6

68 5.9 5.1 7.7





#23

Nitrobenzene-d5

Concen: 94.203 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140147.D

Acq: 30 Oct 2024 07:42

Instrument :

BNA_F

ClientSampleId :

BLUE-2-2

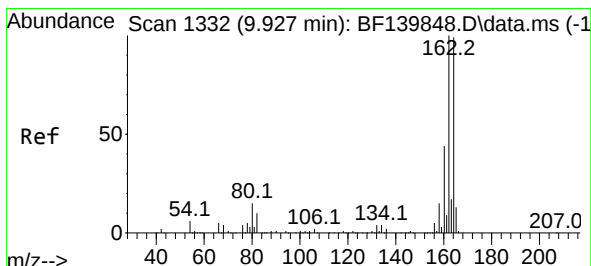
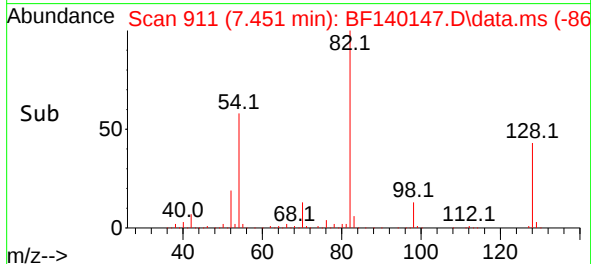
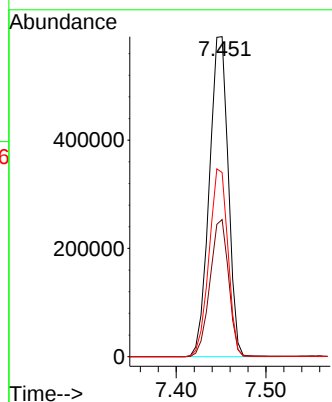
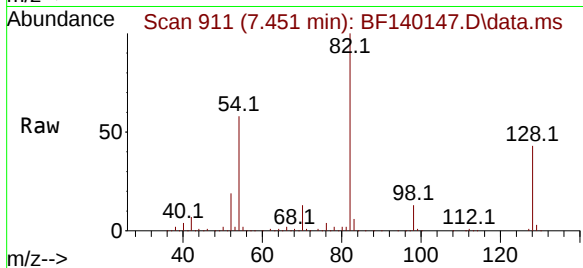
Tgt Ion: 82 Resp: 867477

Ion Ratio Lower Upper

82 100

128 42.9 33.4 50.0

54 57.5 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: BF140147.D

Acq: 30 Oct 2024 07:42

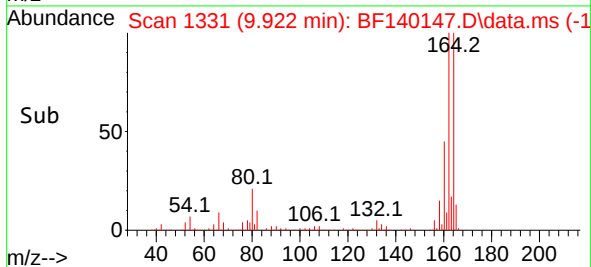
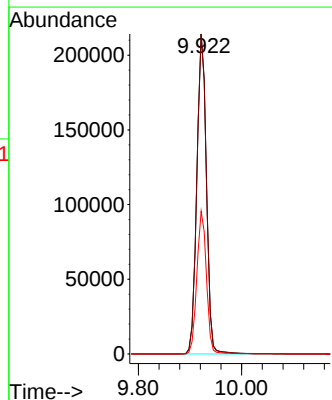
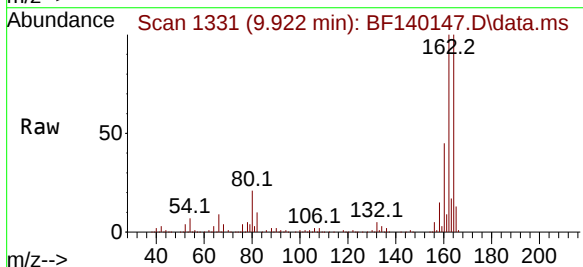
Tgt Ion:164 Resp: 276124

Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.4

160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 114.132 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140147.D

Acq: 30 Oct 2024 07:42

Instrument :

BNA_F

ClientSampleId :

BLUE-2-2

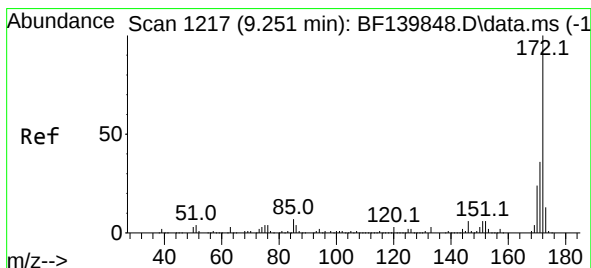
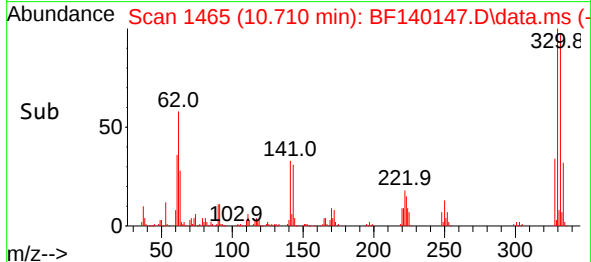
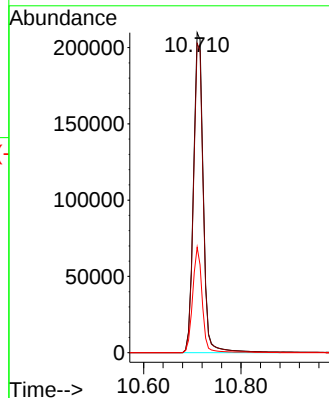
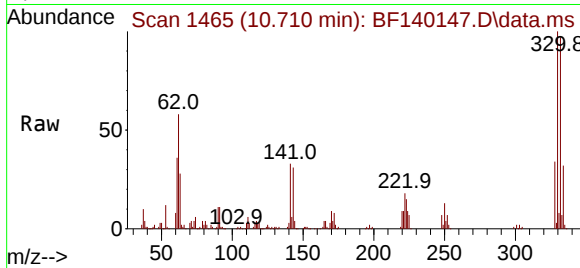
Tgt Ion:330 Resp: 294778

Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

141 32.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 91.504 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140147.D

Acq: 30 Oct 2024 07:42

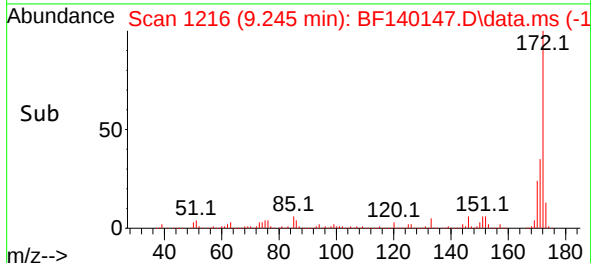
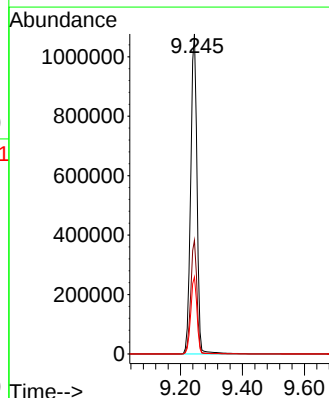
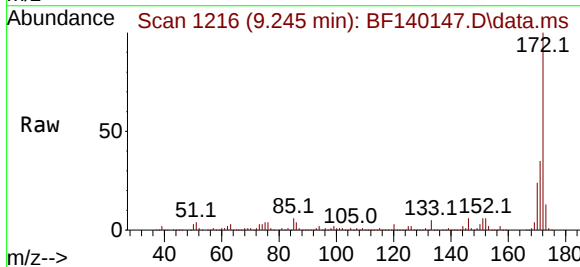
Tgt Ion:172 Resp: 1528805

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.0 19.1 28.7

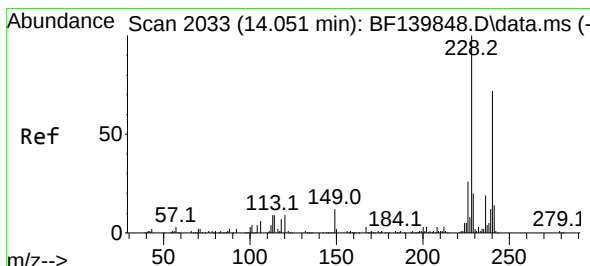
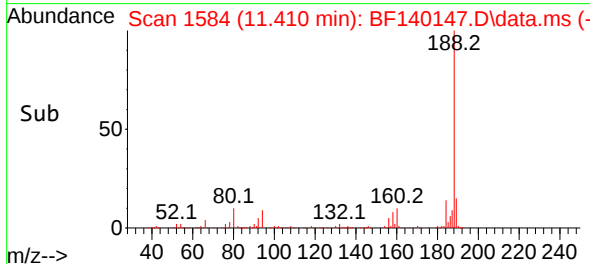
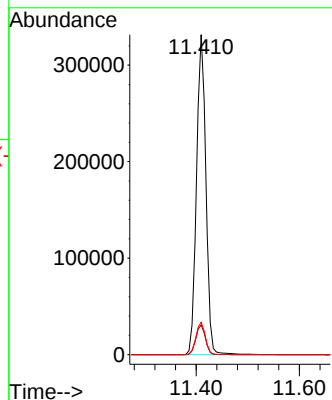
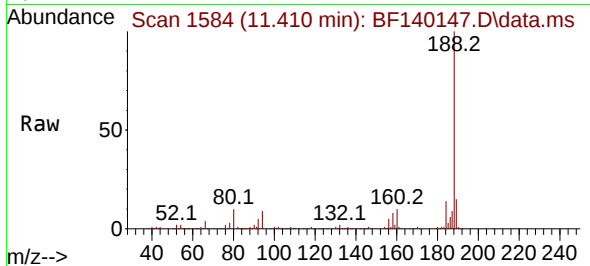




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

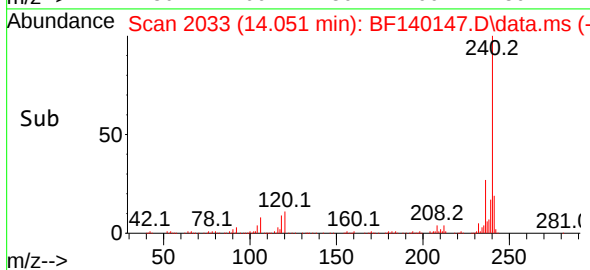
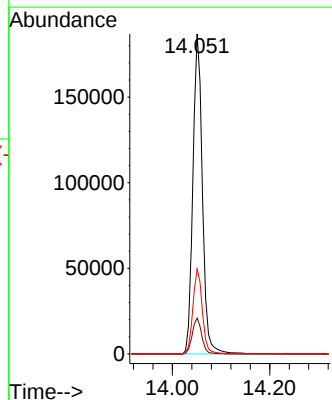
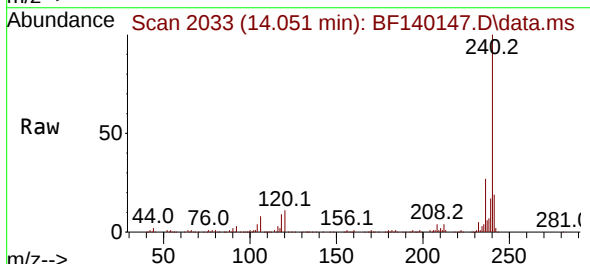
Instrument :
BNA_F
ClientSampleId :
BLUE-2-2

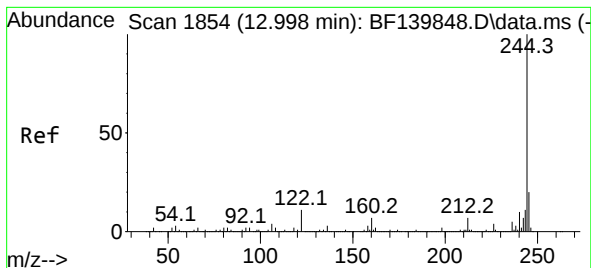
Tgt Ion:188 Resp: 417496
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

Tgt Ion:240 Resp: 254690
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 26.6 20.9 31.3





#79

Terphenyl-d14

Concen: 84.245 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140147.D

Acq: 30 Oct 2024 07:42

Instrument :

BNA_F

ClientSampleId :

BLUE-2-2

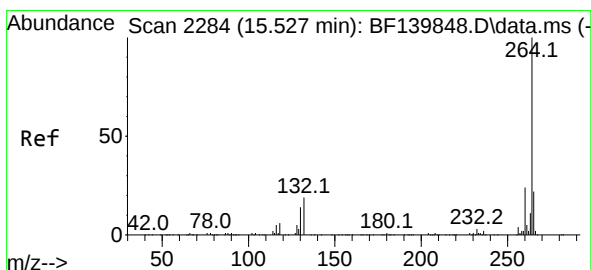
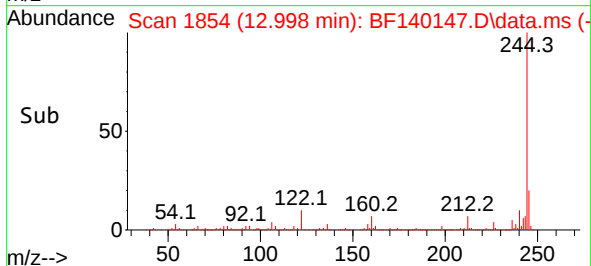
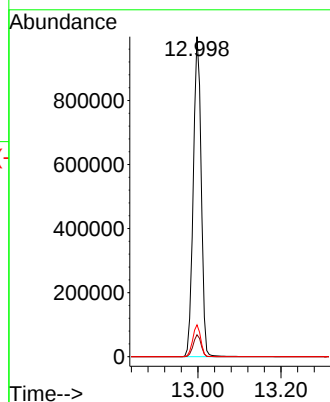
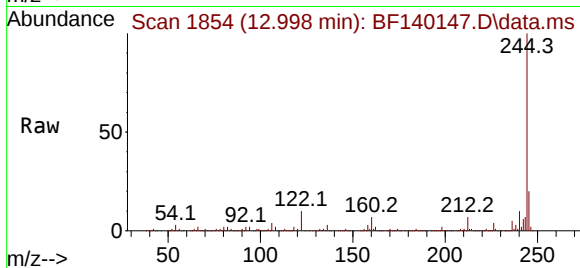
Tgt Ion:244 Resp: 1316768

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 9.9 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. 0.018 min

Lab File: BF140147.D

Acq: 30 Oct 2024 07:42

Tgt Ion:264 Resp: 188174

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.5 17.4 26.0

