

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140130.D
 Acq On : 29 Oct 2024 23:24
 Operator : RC/JU
 Sample : P4597-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLUE-2-2

Quant Time: Oct 30 01:05:53 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	126449	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	478663	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	241095	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	337373	20.000	ng	0.00
76) Chrysene-d12	14.051	240	254150	20.000	ng	0.00
86) Perylene-d12	15.539	264	236900	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	627098	77.637	ng	0.01
7) Phenol-d6	6.510	99	787644	75.291	ng	0.00
23) Nitrobenzene-d5	7.445	82	542260	62.787	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	158676	70.362	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	964400	66.109	ng	0.00
79) Terphenyl-d14	12.998	244	721218	46.241	ng	0.00

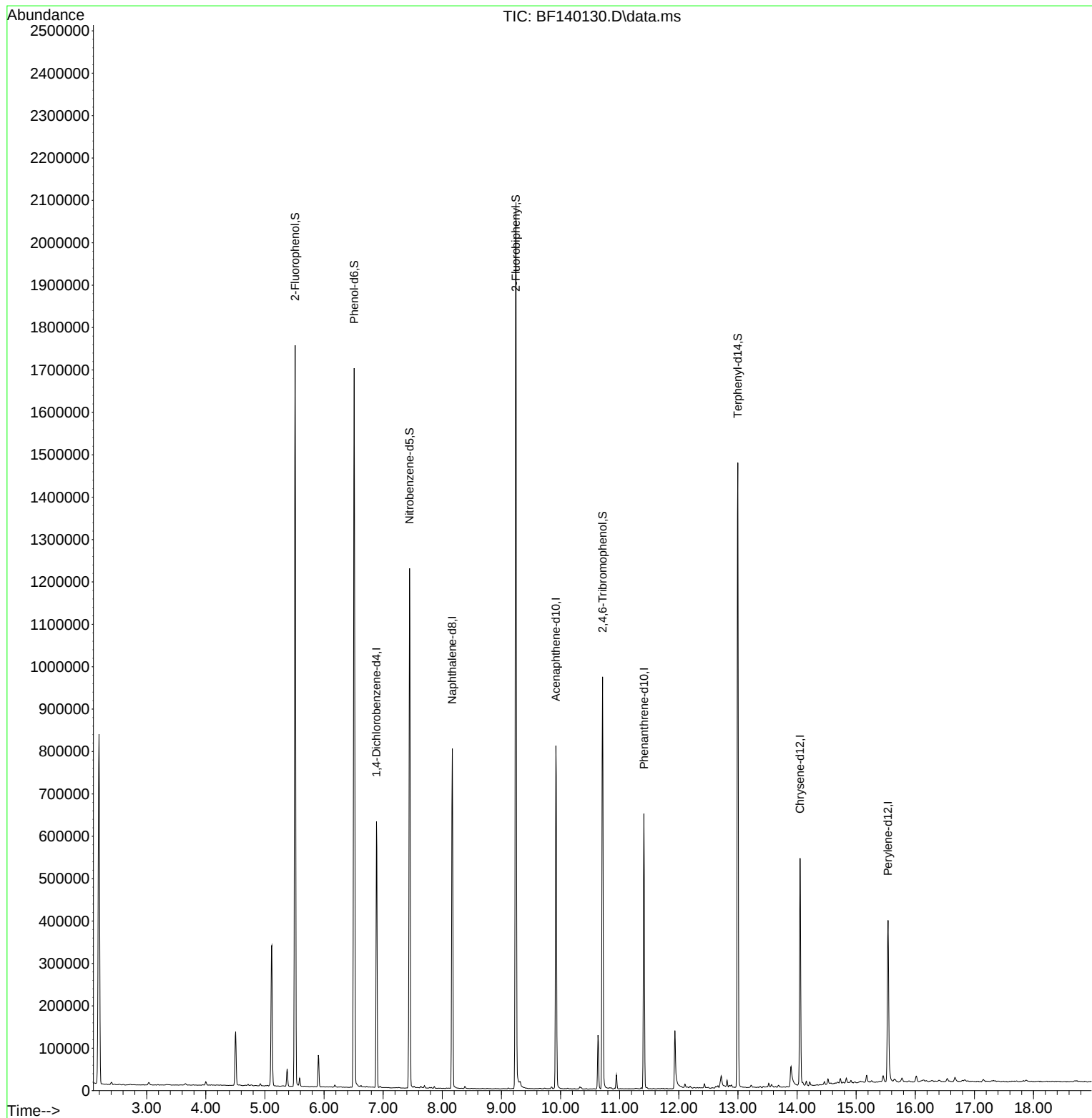
Target Compounds	Qvalue

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

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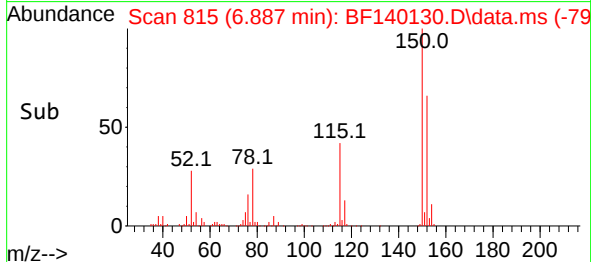
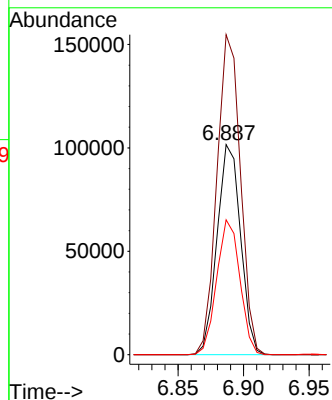
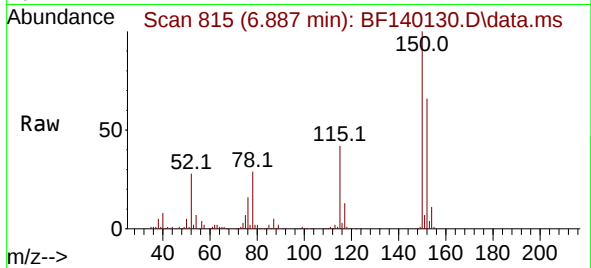




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140130.D
Acq: 29 Oct 2024 23:24

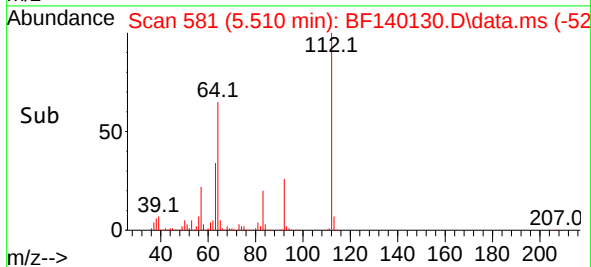
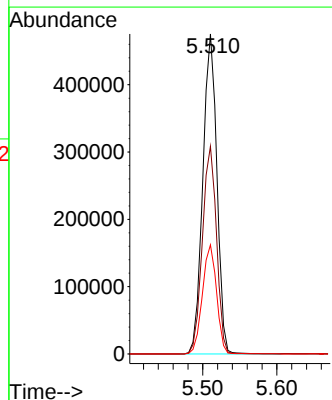
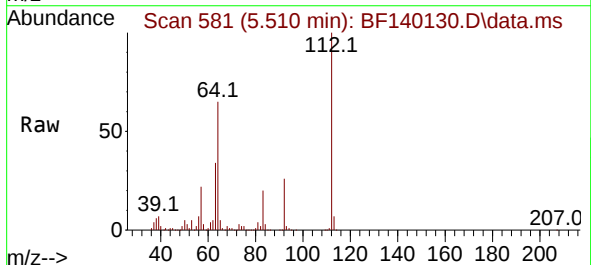
Instrument :
BNA_F
ClientSampleId :
BLUE-2-2

Tgt Ion:152 Resp: 126449
Ion Ratio Lower Upper
152 100
150 152.3 130.2 195.2
115 64.2 51.4 77.2



#5
2-Fluorophenol
Concen: 77.637 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140130.D
Acq: 29 Oct 2024 23:24

Tgt Ion:112 Resp: 627098
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 34.1 27.0 40.4

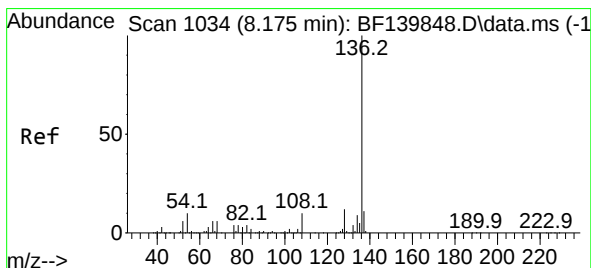
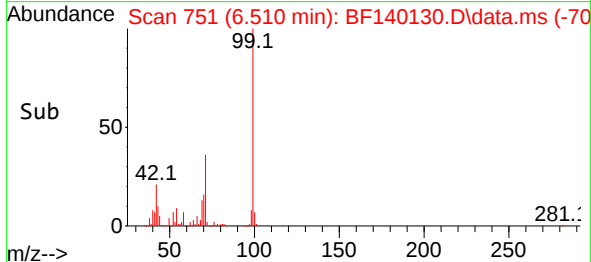
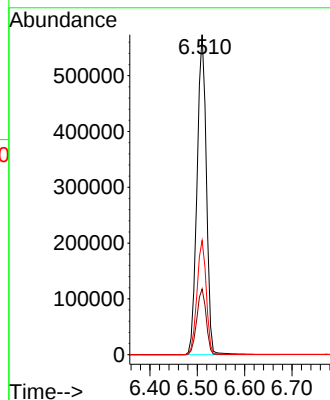
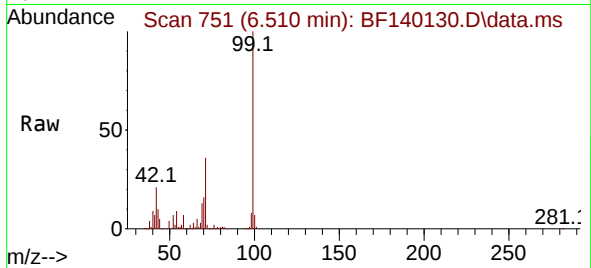




#7
Phenol-d6
Concen: 75.291 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140130.D
Acq: 29 Oct 2024 23:24

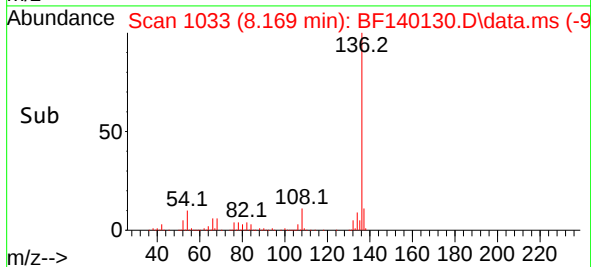
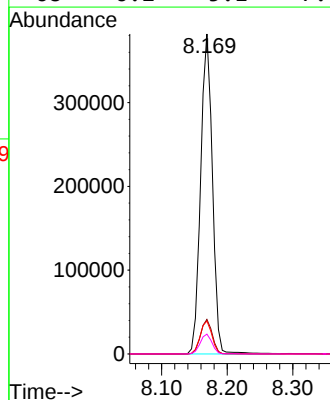
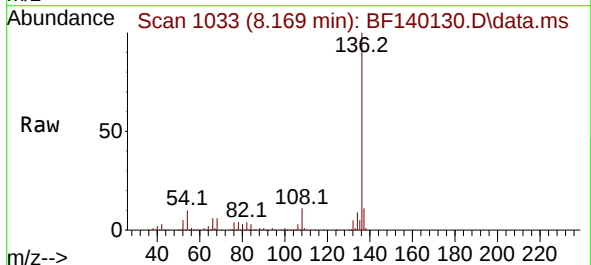
Instrument :
BNA_F
ClientSampleId :
BLUE-2-2

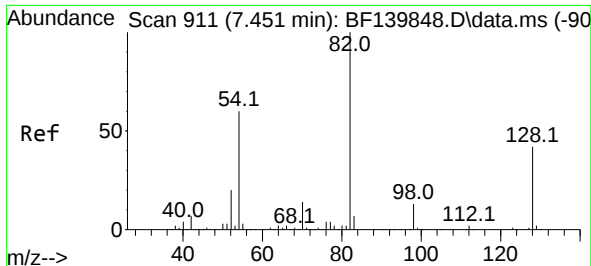
Tgt Ion: 99 Resp: 787644
Ion Ratio Lower Upper
99 100
42 20.5 16.7 25.1
71 35.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140130.D
Acq: 29 Oct 2024 23:24

Tgt Ion: 136 Resp: 478663
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.3 8.4 12.6
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 62.787 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140130.D

Acq: 29 Oct 2024 23:24

Instrument :

BNA_F

ClientSampleId :

BLUE-2-2

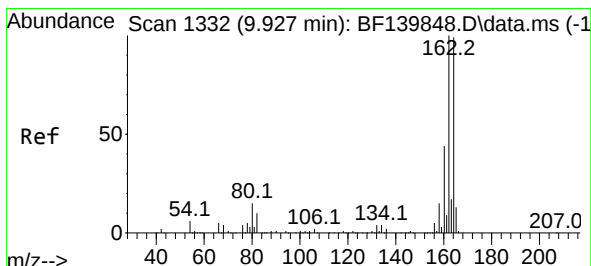
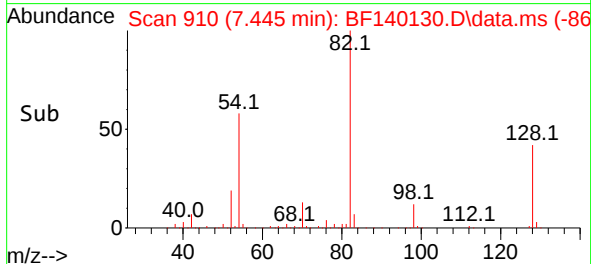
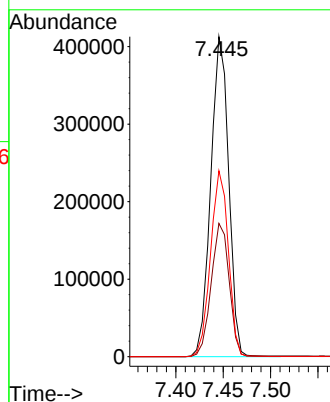
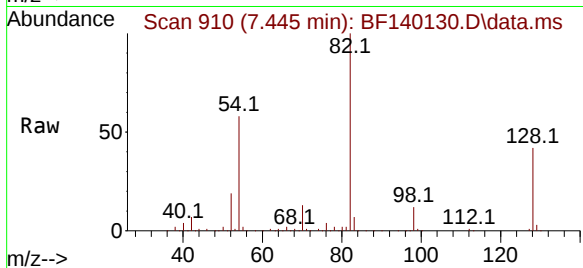
Tgt Ion: 82 Resp: 542260

Ion Ratio Lower Upper

82 100

128 41.7 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: BF140130.D

Acq: 29 Oct 2024 23:24

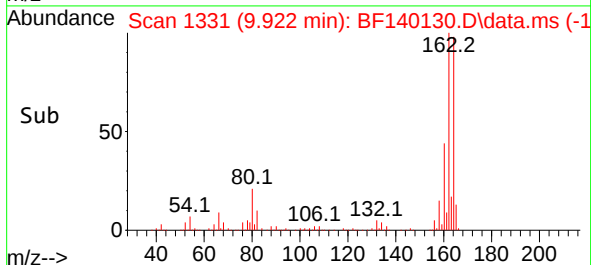
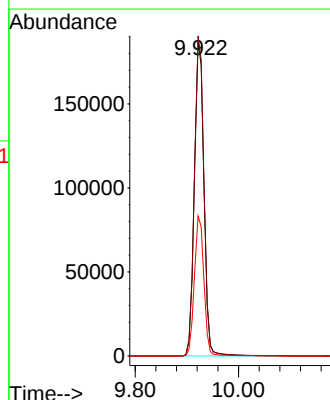
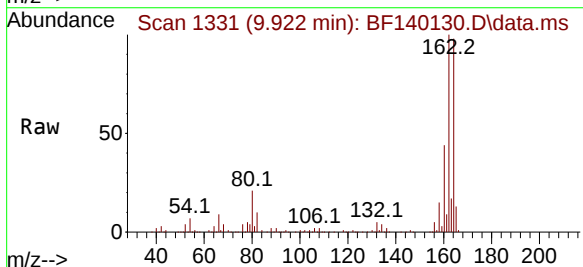
Tgt Ion:164 Resp: 241095

Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 70.362 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140130.D

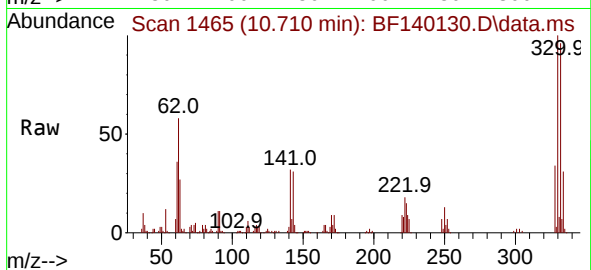
Acq: 29 Oct 2024 23:24

Instrument :

BNA_F

ClientSampleId :

BLUE-2-2



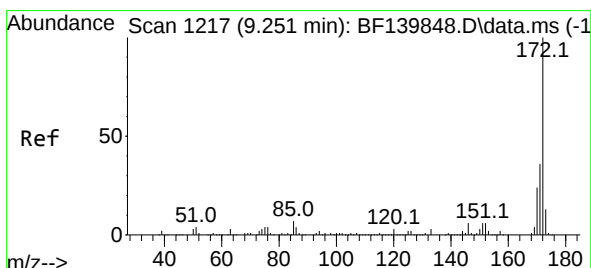
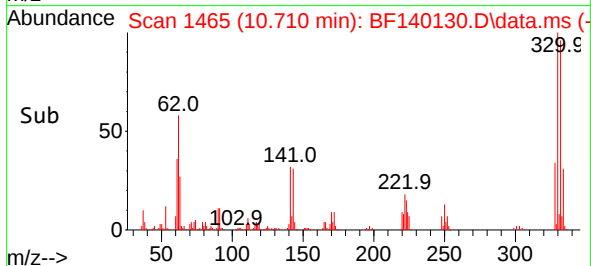
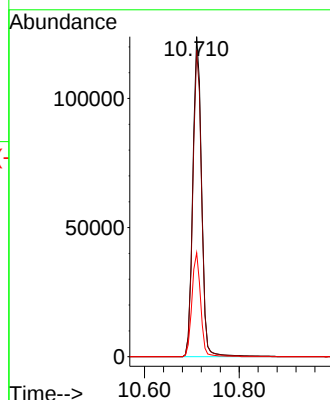
Tgt Ion:330 Resp: 158676

Ion Ratio Lower Upper

330 100

332 95.5 78.1 117.1

141 32.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 66.109 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140130.D

Acq: 29 Oct 2024 23:24

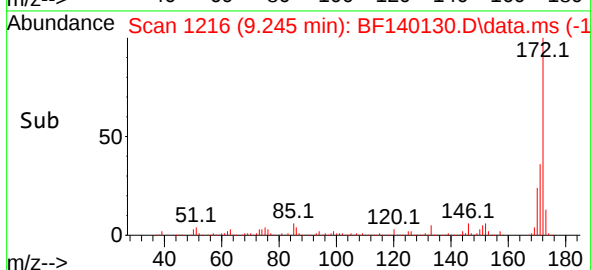
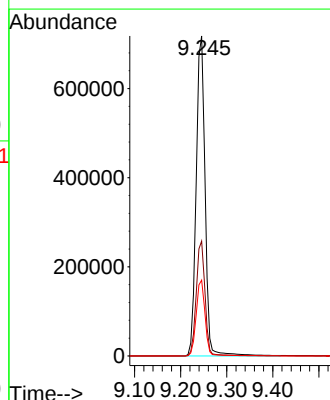
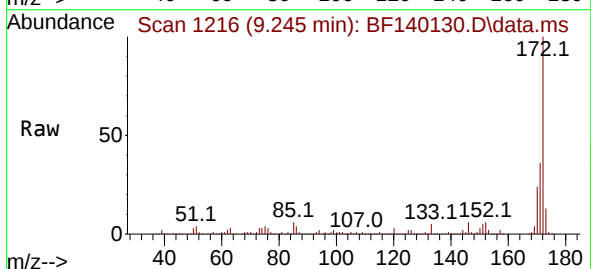
Tgt Ion:172 Resp: 964400

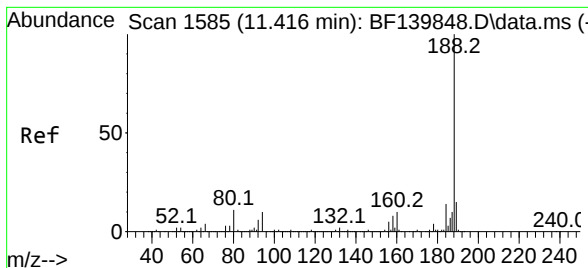
Ion Ratio Lower Upper

172 100

171 35.9 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: BF140130.D

Acq: 29 Oct 2024 23:24

Instrument :

BNA_F

ClientSampleId :

BLUE-2-2

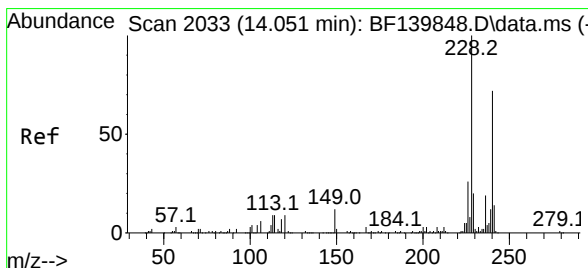
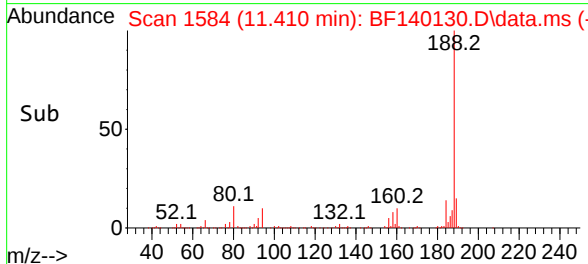
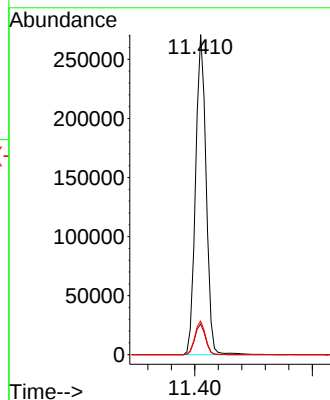
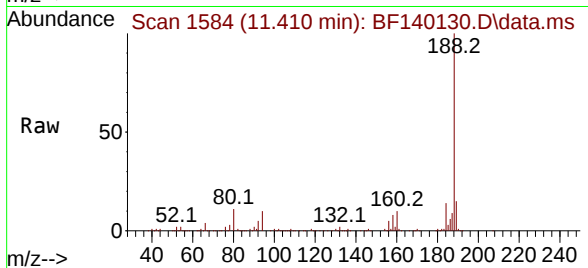
Tgt Ion:188 Resp: 337373

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: BF140130.D

Acq: 29 Oct 2024 23:24

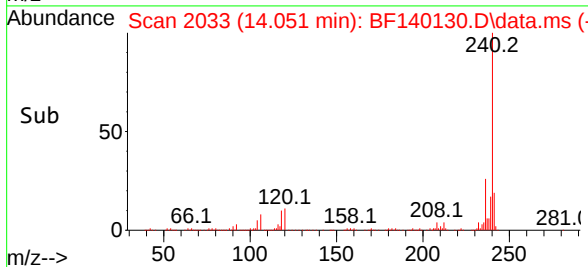
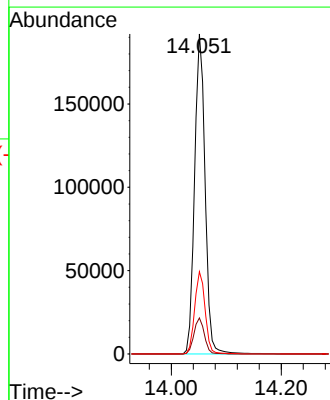
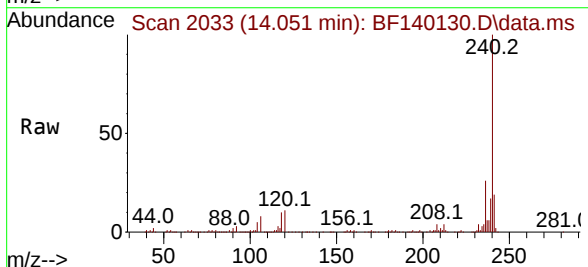
Tgt Ion:240 Resp: 254150

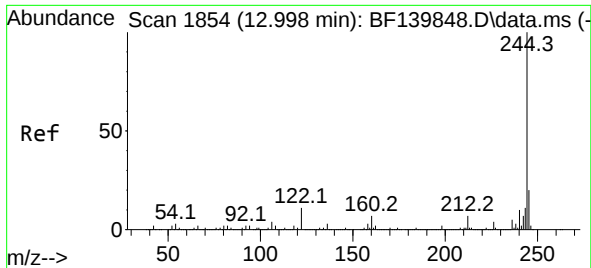
Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

236 25.7 20.9 31.3

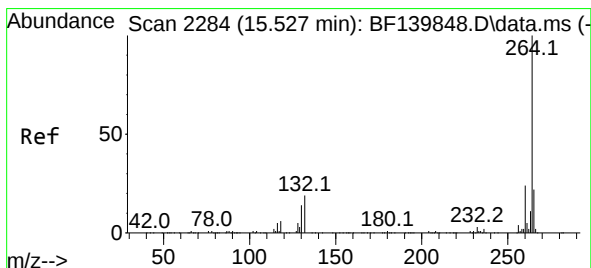
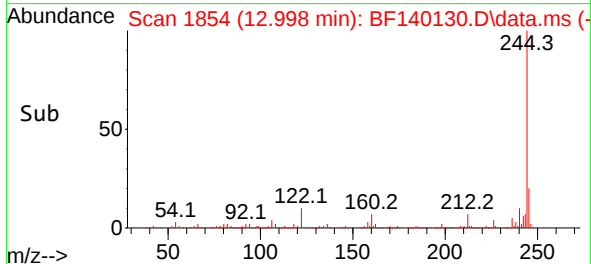
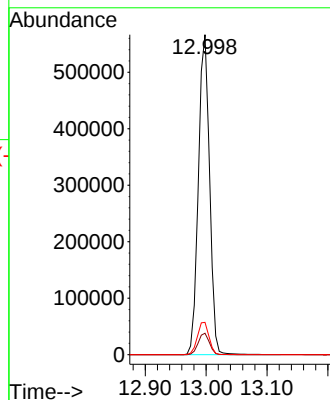
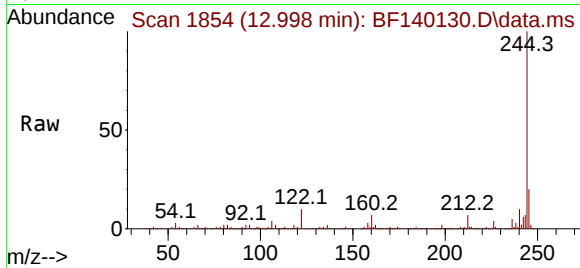




#79
 Terphenyl-d14
 Concen: 46.241 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140130.D
 Acq: 29 Oct 2024 23:24

Instrument :
 BNA_F
 ClientSampleId :
 BLUE-2-2

Tgt Ion:244 Resp: 721218
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 10.1 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: BF140130.D
 Acq: 29 Oct 2024 23:24

Tgt Ion:264 Resp: 236900
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 20.9 17.4 26.0

