

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140061.D
 Acq On : 26 Oct 2024 15:51
 Operator : RC/JU
 Sample : P4487-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-B27

Quant Time: Oct 28 01:08:26 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	144888	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	567280	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	330727	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	578955	20.000	ng	0.00
76) Chrysene-d12	14.045	240	272277	20.000	ng	0.00
86) Perylene-d12	15.527	264	288234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1047721	113.204	ng	0.02
7) Phenol-d6	6.510	99	1231905	102.771	ng	0.00
23) Nitrobenzene-d5	7.451	82	933454	91.199	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	431882	139.609	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1691645	84.534	ng	0.00
79) Terphenyl-d14	12.998	244	1695577	101.474	ng	0.00

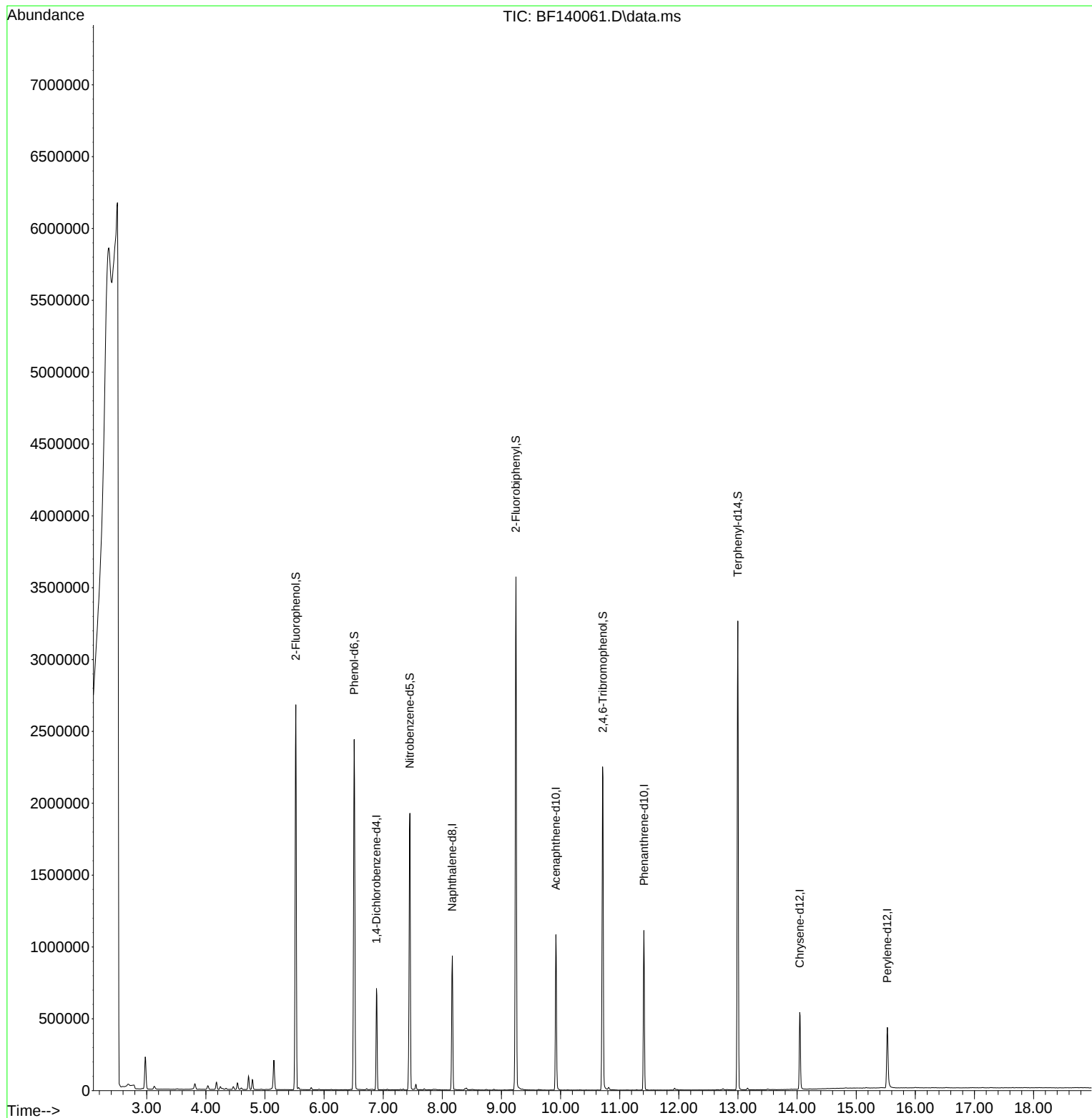
Target Compounds Qvalue

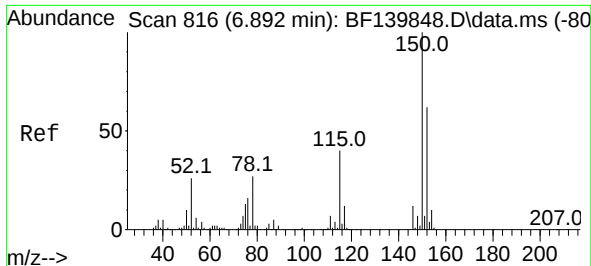
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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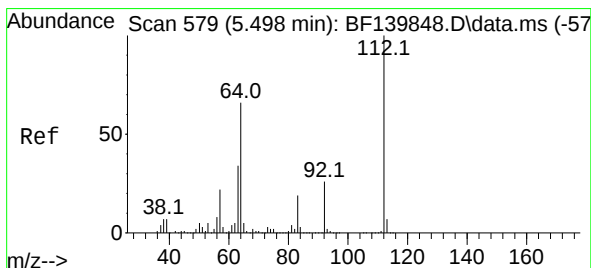
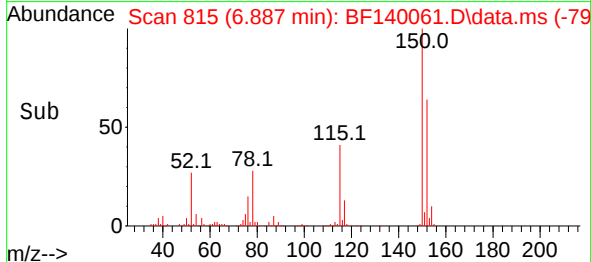
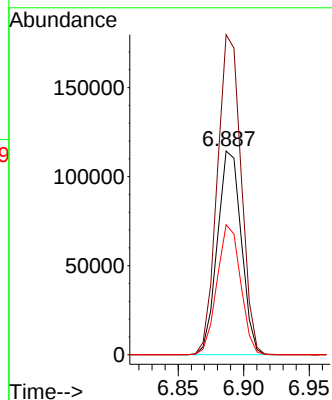
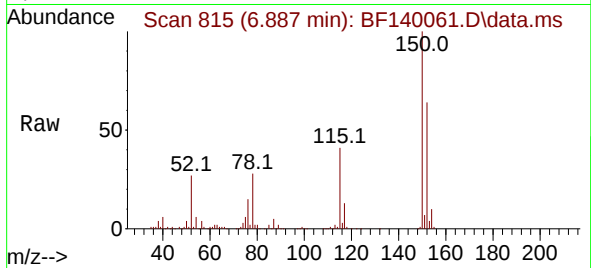




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

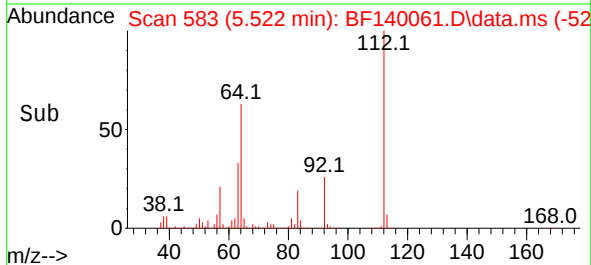
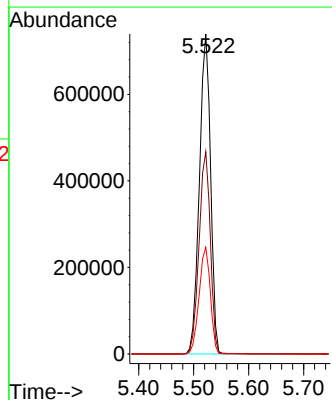
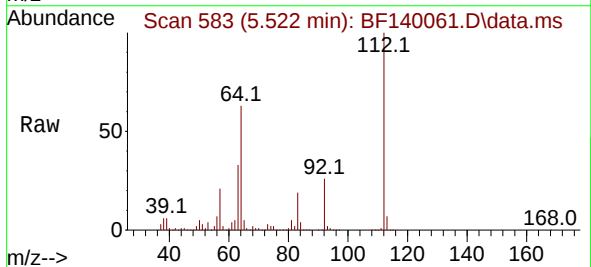
Instrument :
BNA_F
ClientSampleId :
BP-B27

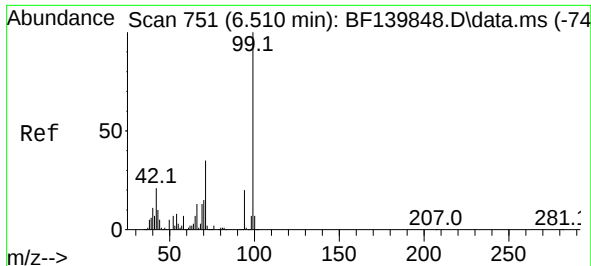
Tgt Ion:152 Resp: 144888
Ion Ratio Lower Upper
152 100
150 157.1 130.2 195.2
115 63.8 51.4 77.2



#5
2-Fluorophenol
Concen: 113.204 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

Tgt Ion:112 Resp: 1047721
Ion Ratio Lower Upper
112 100
64 63.2 53.0 79.6
63 33.3 27.0 40.4

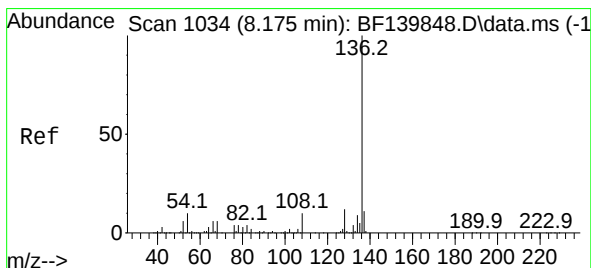
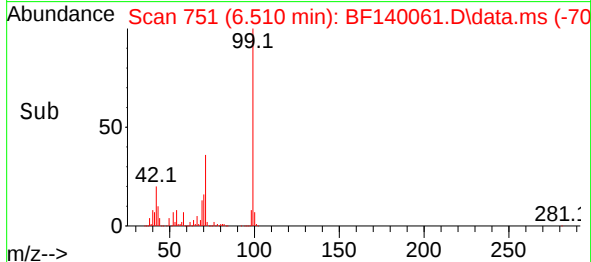
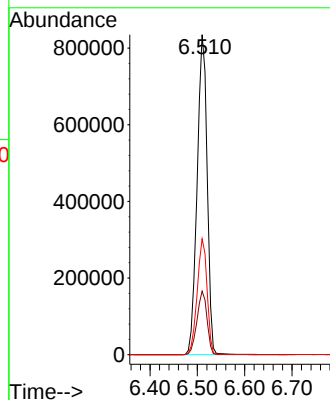
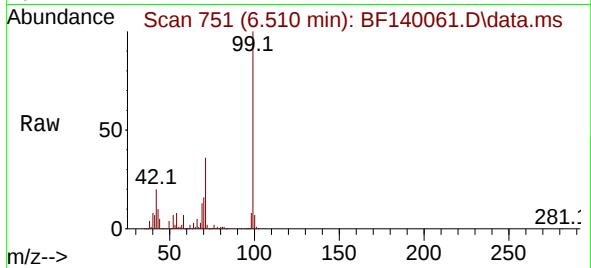




#7
Phenol-d6
Concen: 102.771 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

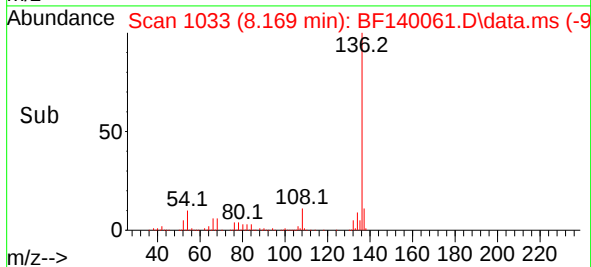
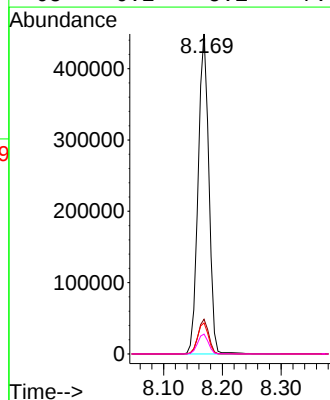
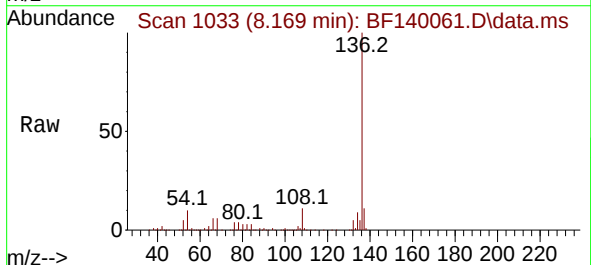
Instrument :
BNA_F
ClientSampleId :
BP-B27

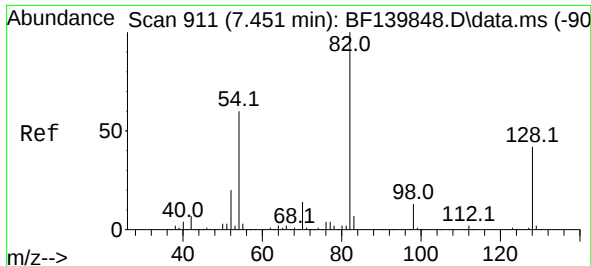
Tgt Ion: 99 Resp: 1231905
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 36.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

Tgt Ion: 136 Resp: 567280
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 8.4 12.6
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 91.199 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140061.D

Acq: 26 Oct 2024 15:51

Instrument :

BNA_F

ClientSampleId :

BP-B27

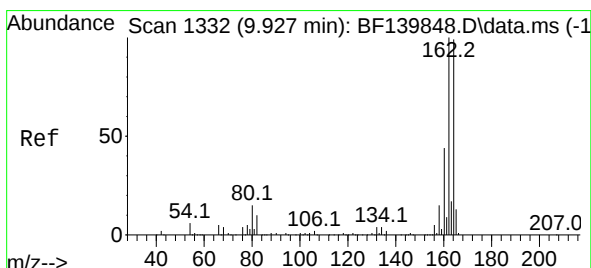
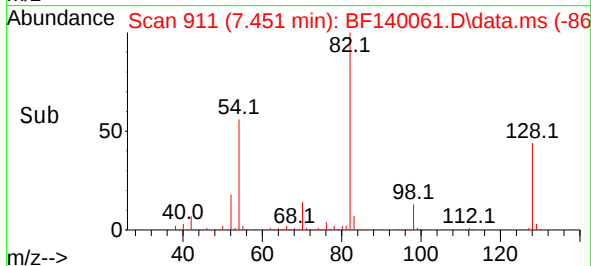
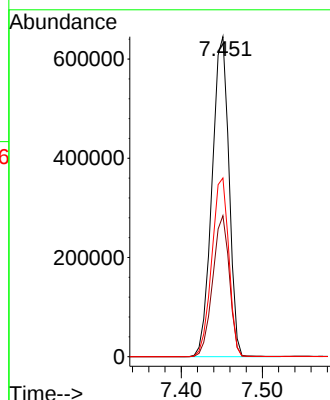
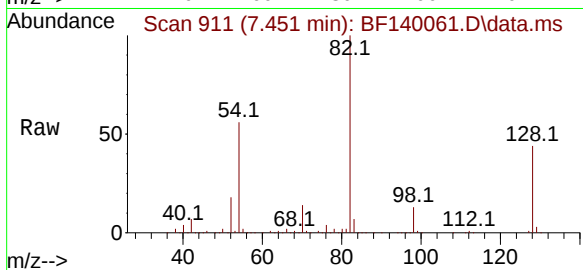
Tgt Ion: 82 Resp: 933454

Ion Ratio Lower Upper

82 100

128 44.0 33.4 50.0

54 55.8 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: BF140061.D

Acq: 26 Oct 2024 15:51

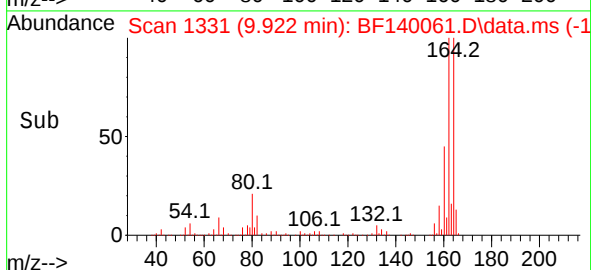
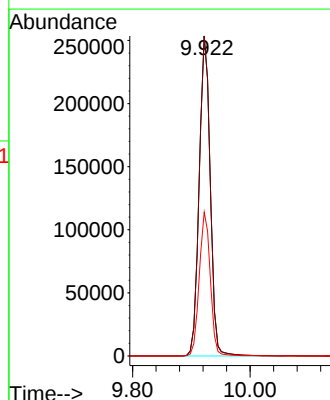
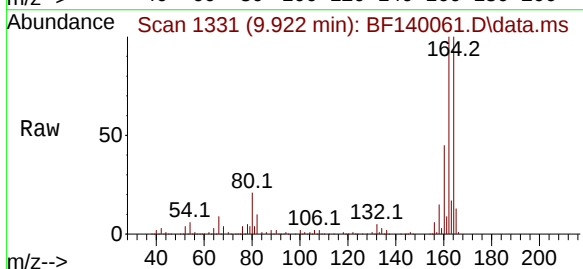
Tgt Ion:164 Resp: 330727

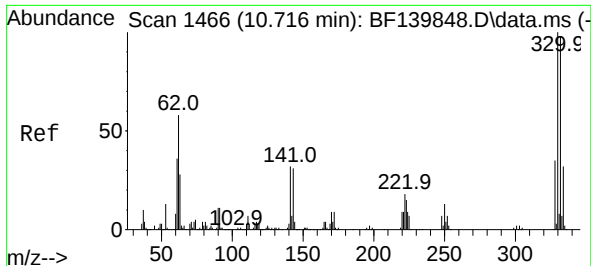
Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.4

160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 139.609 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140061.D

Acq: 26 Oct 2024 15:51

Instrument :

BNA_F

ClientSampleId :

BP-B27

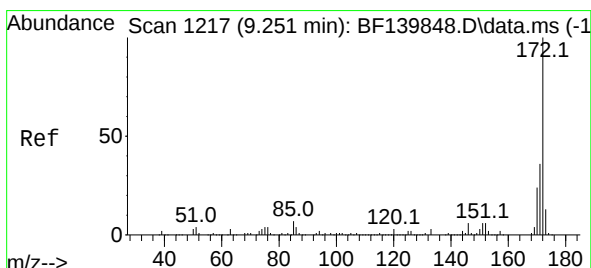
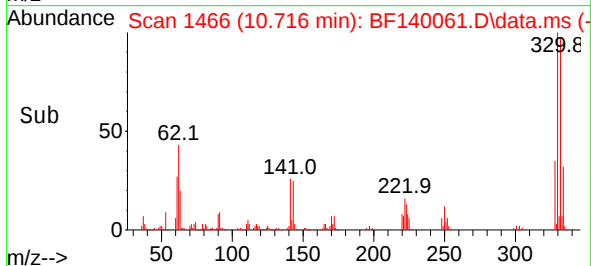
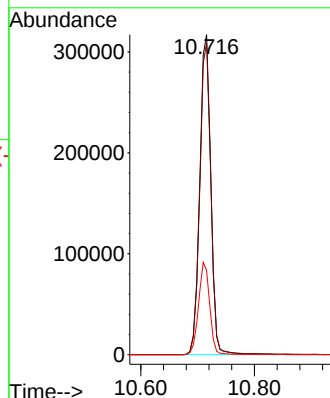
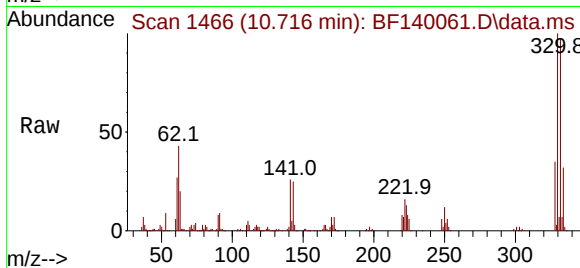
Tgt Ion:330 Resp: 431882

Ion Ratio Lower Upper

330 100

332 97.4 78.1 117.1

141 29.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 84.534 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140061.D

Acq: 26 Oct 2024 15:51

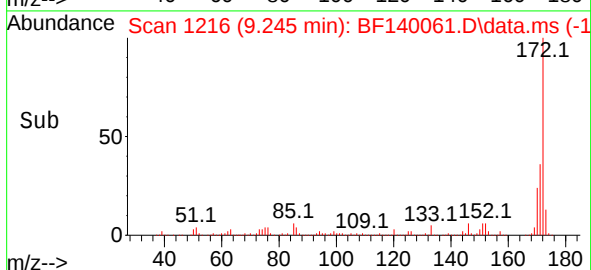
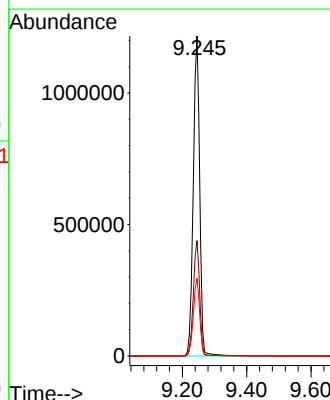
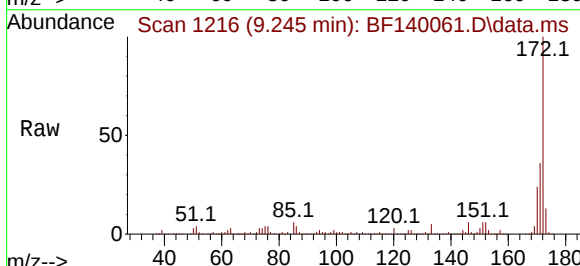
Tgt Ion:172 Resp: 1691645

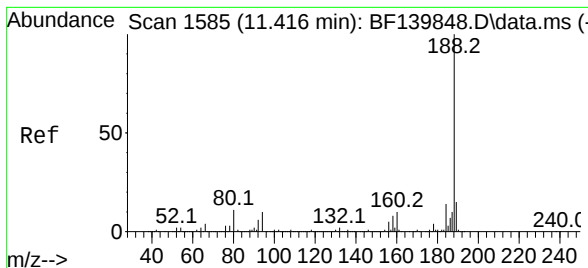
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.1 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF140061.D

Acq: 26 Oct 2024 15:51

Instrument :

BNA_F

ClientSampleId :

BP-B27

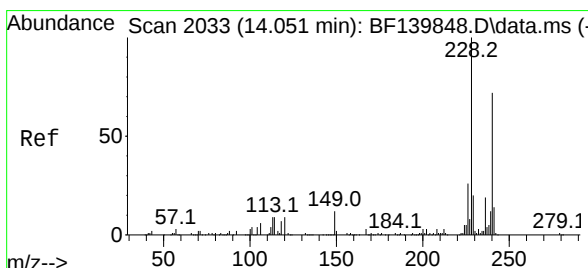
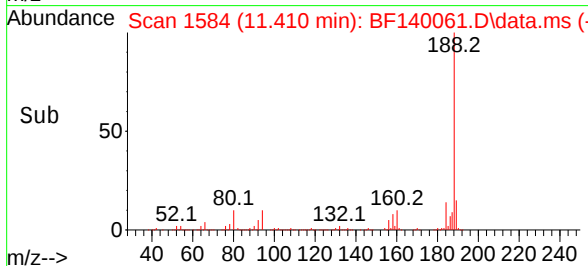
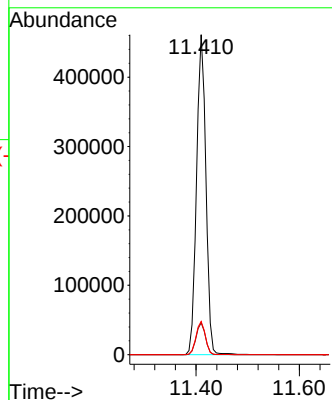
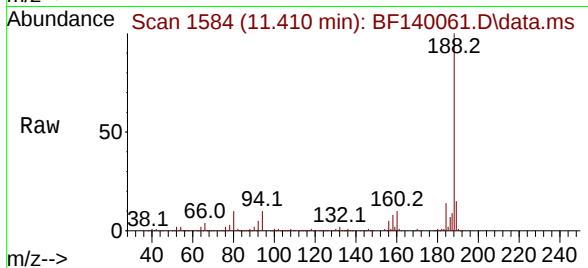
Tgt Ion:188 Resp: 578955

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.4 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140061.D

Acq: 26 Oct 2024 15:51

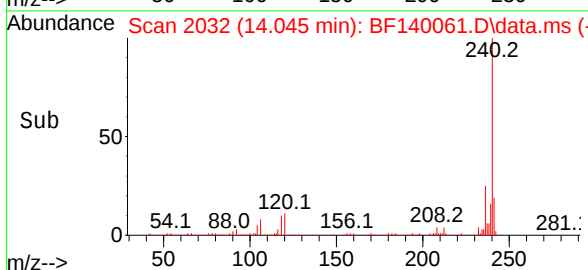
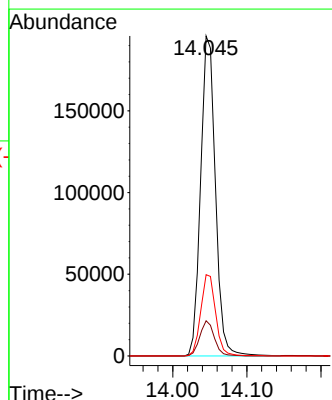
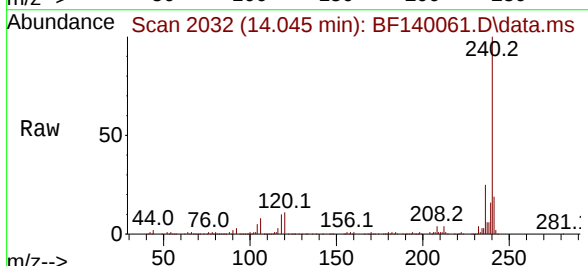
Tgt Ion:240 Resp: 272277

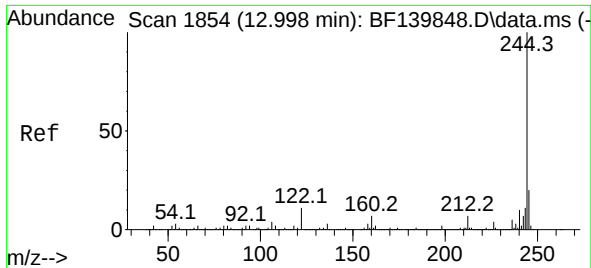
Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

236 25.4 20.9 31.3

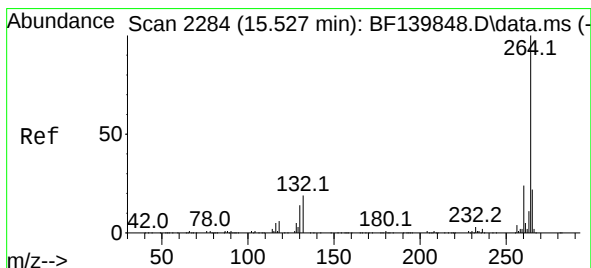
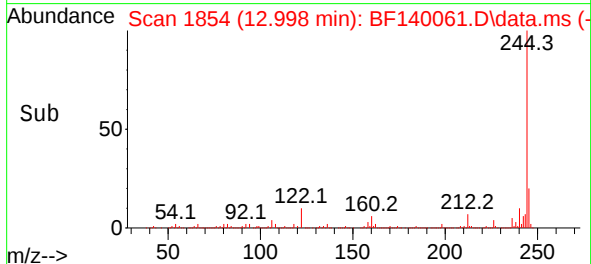
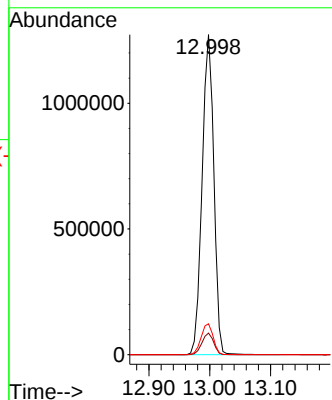
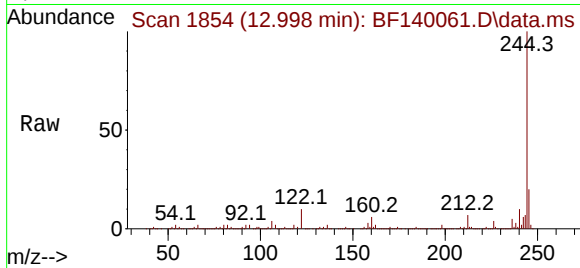




#79
Terphenyl-d14
Concen: 101.474 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140061.D
Acq: 26 Oct 2024 15:51

Instrument :
BNA_F
ClientSampleId :
BP-B27

Tgt Ion:244 Resp: 1695577
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.7 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: BF140061.D
Acq: 26 Oct 2024 15:51

Tgt Ion:264 Resp: 288234
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.2
265 21.1 17.4 26.0

