

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140053.D
Acq On : 26 Oct 2024 12:06
Operator : RC/JU
Sample : P4508-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F22

Quant Time: Oct 28 01:05:41 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	148551	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	578359	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	337498	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	595929	20.000	ng	0.00
76) Chrysene-d12	14.051	240	289351	20.000	ng	0.00
86) Perylene-d12	15.527	264	299372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	954350	100.573	ng	0.01
7) Phenol-d6	6.510	99	1230961	100.160	ng	0.00
23) Nitrobenzene-d5	7.445	82	780891	74.832	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	376813	119.364	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1375699	67.367	ng	0.00
79) Terphenyl-d14	12.998	244	1382638	77.863	ng	0.00

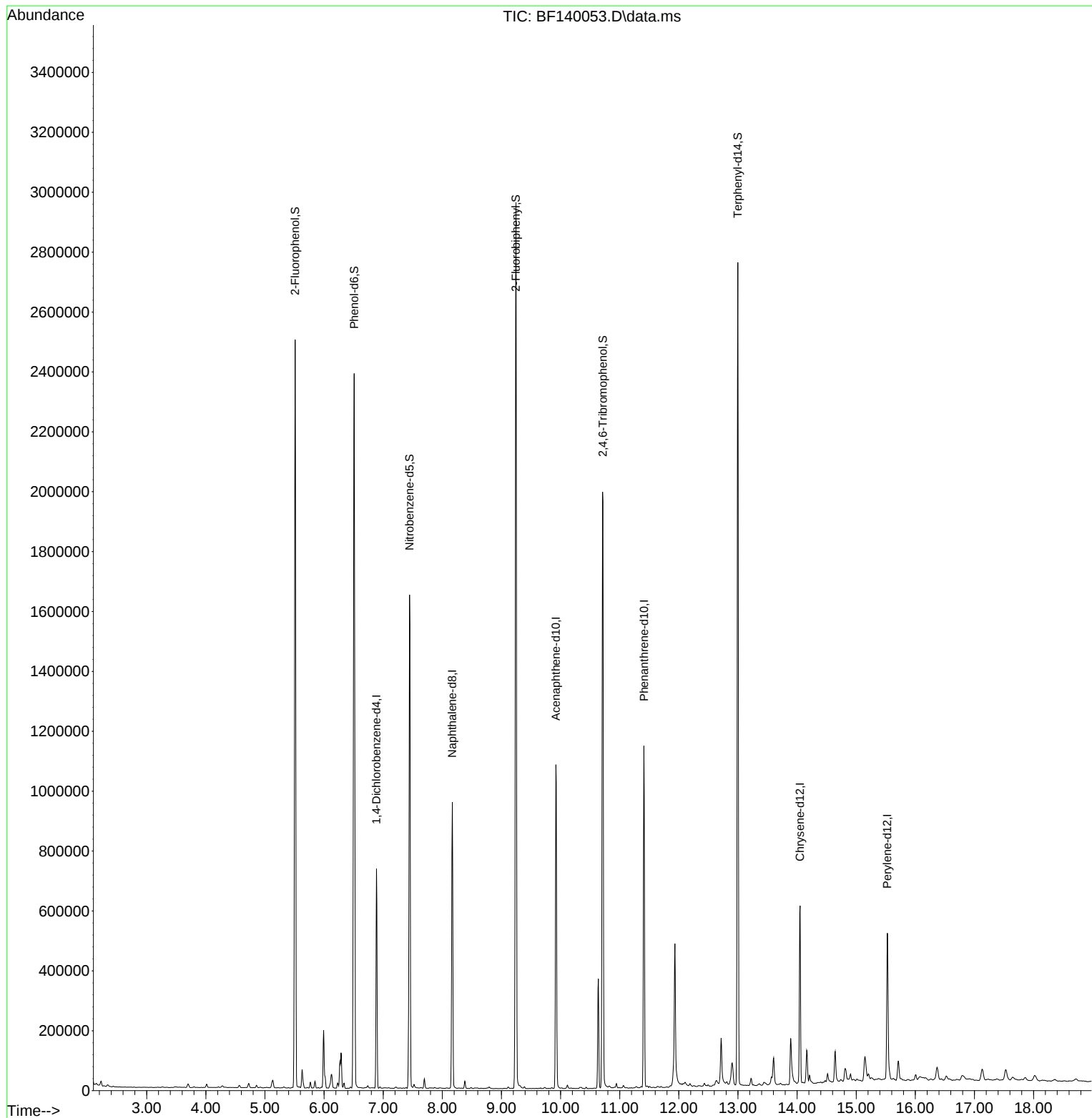
Target Compounds	Qvalue

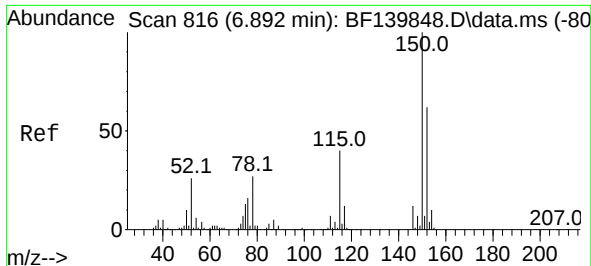
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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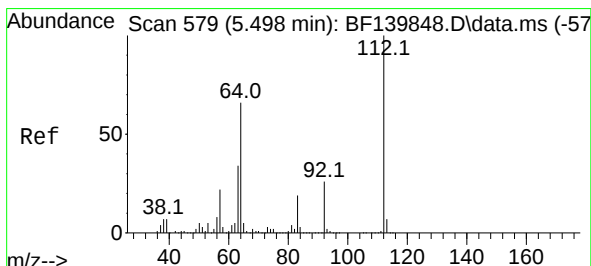
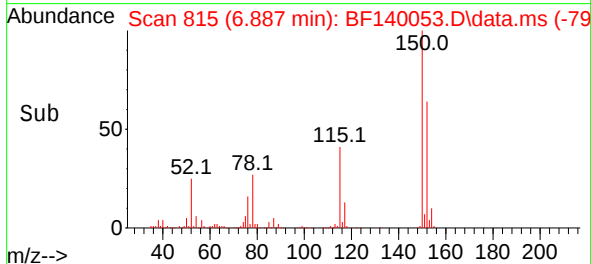
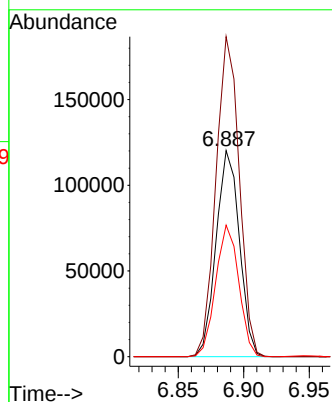
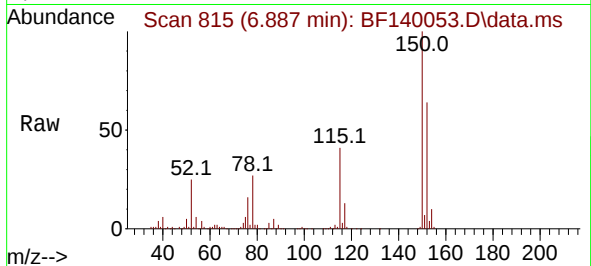




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

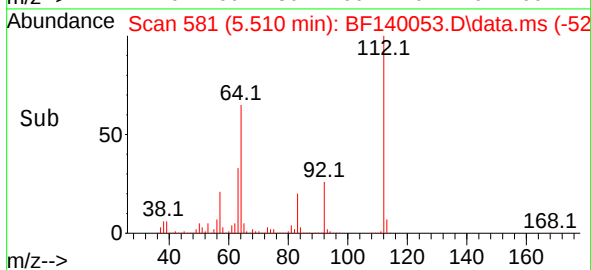
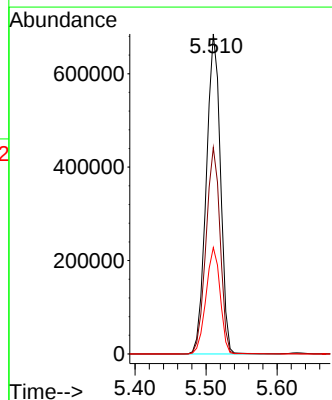
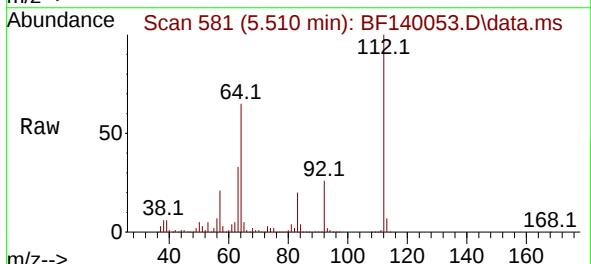
Instrument :
BNA_F
ClientSampleId :
BP-F22

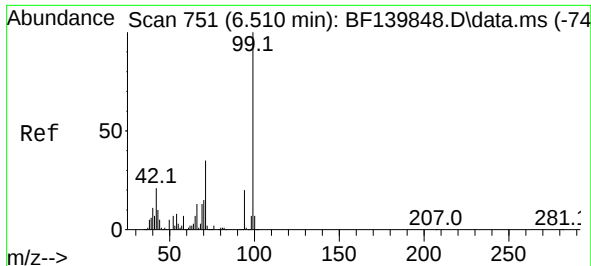
Tgt Ion:152 Resp: 148551
Ion Ratio Lower Upper
152 100
150 155.3 130.2 195.2
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 100.573 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

Tgt Ion:112 Resp: 954350
Ion Ratio Lower Upper
112 100
64 64.5 53.0 79.6
63 33.3 27.0 40.4





#7

Phenol-d6

Concen: 100.160 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF140053.D

Acq: 26 Oct 2024 12:06

Instrument :

BNA_F

ClientSampleId :

BP-F22

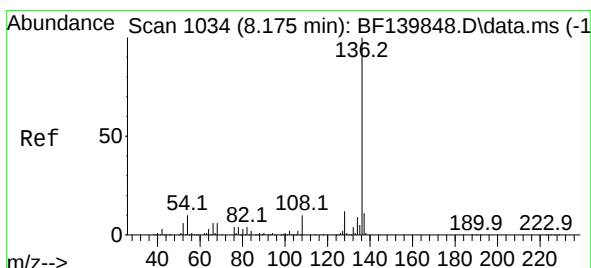
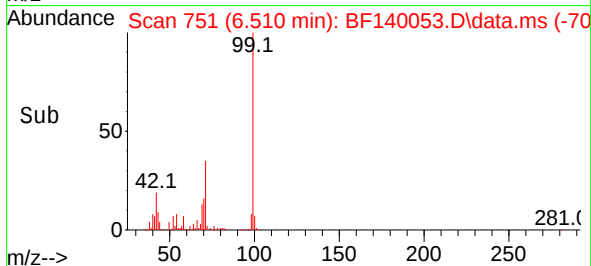
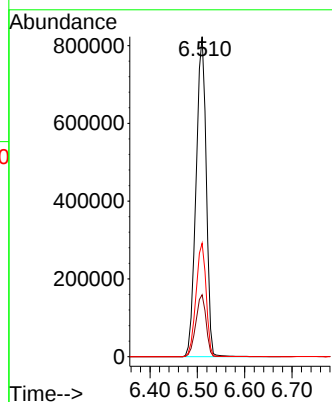
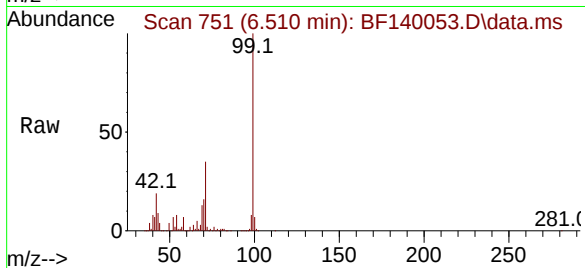
Tgt Ion: 99 Resp: 1230961

Ion Ratio Lower Upper

99 100

42 19.3 16.7 25.1

71 35.4 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: BF140053.D

Acq: 26 Oct 2024 12:06

Tgt Ion: 136 Resp: 578359

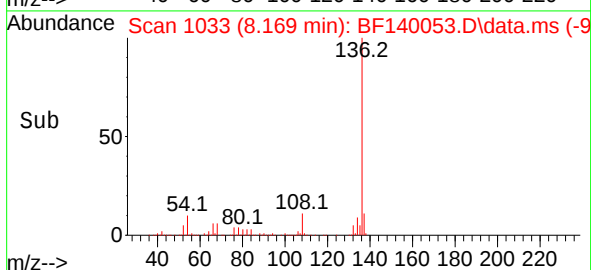
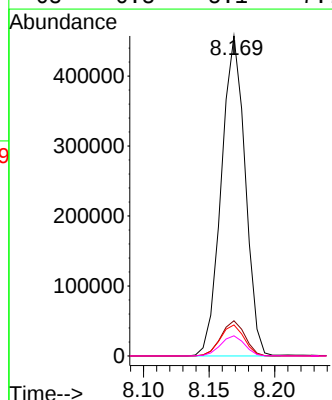
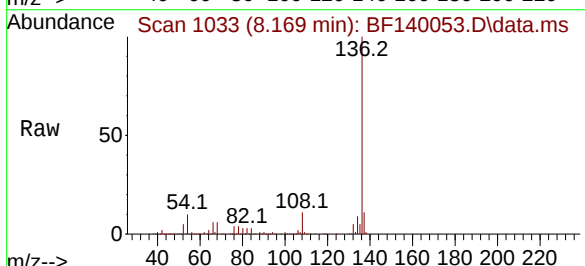
Ion Ratio Lower Upper

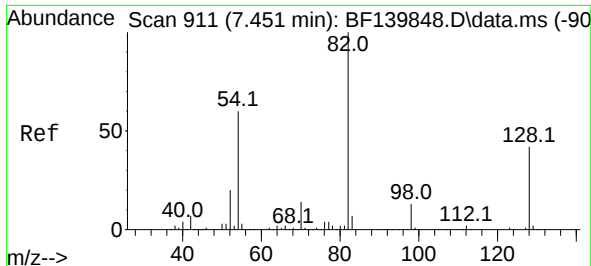
136 100

137 11.0 8.6 12.8

54 9.7 8.4 12.6

68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 74.832 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140053.D

Acq: 26 Oct 2024 12:06

Instrument :

BNA_F

ClientSampleId :

BP-F22

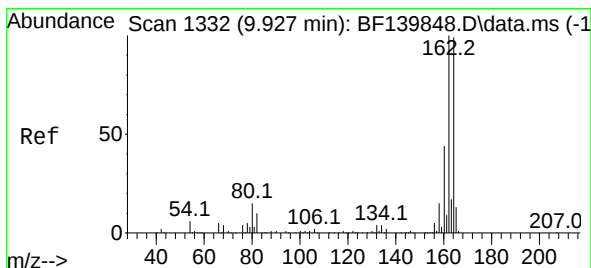
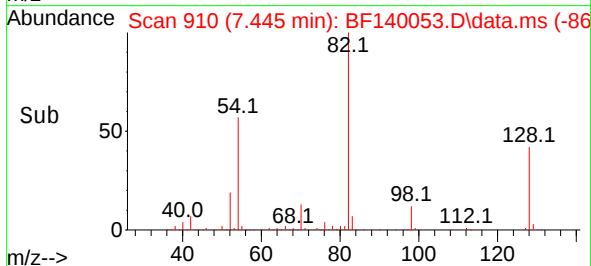
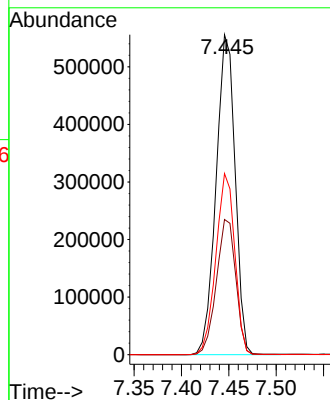
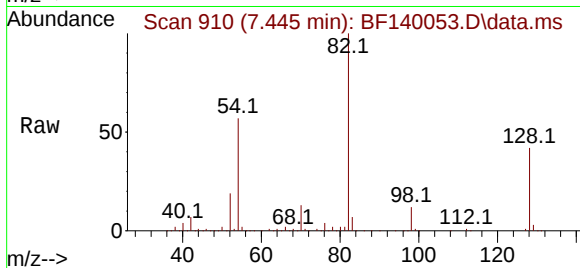
Tgt Ion: 82 Resp: 780891

Ion Ratio Lower Upper

82 100

128 42.2 33.4 50.0

54 56.6 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: BF140053.D

Acq: 26 Oct 2024 12:06

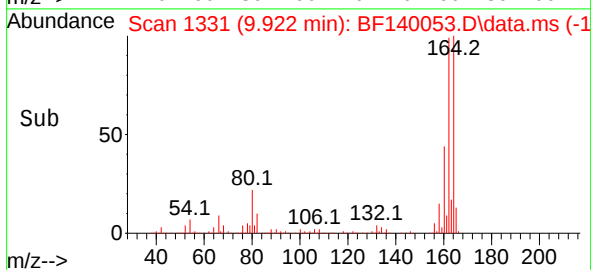
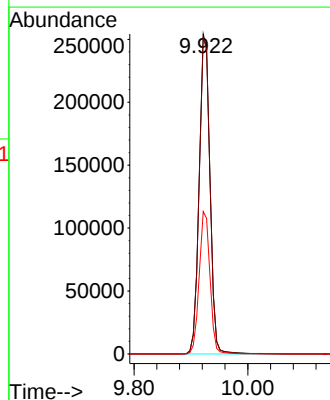
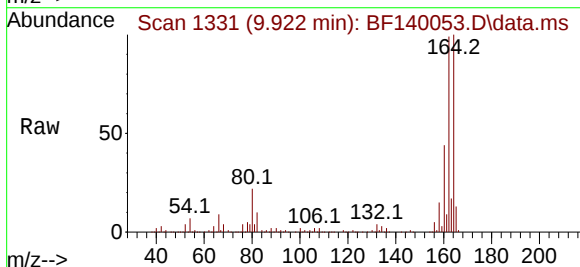
Tgt Ion:164 Resp: 337498

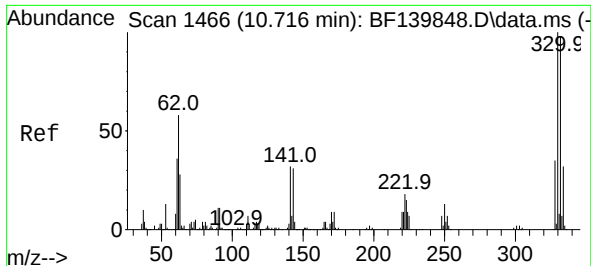
Ion Ratio Lower Upper

164 100

162 99.0 81.0 121.4

160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 119.364 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140053.D

Acq: 26 Oct 2024 12:06

Instrument :

BNA_F

ClientSampleId :

BP-F22

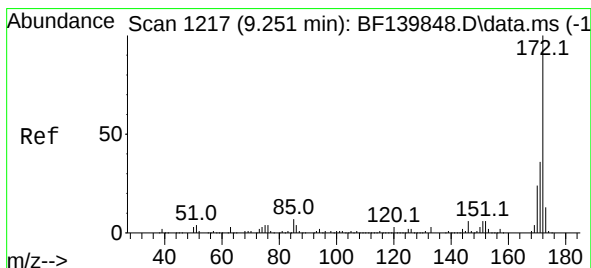
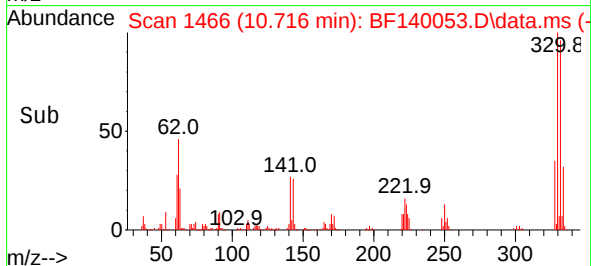
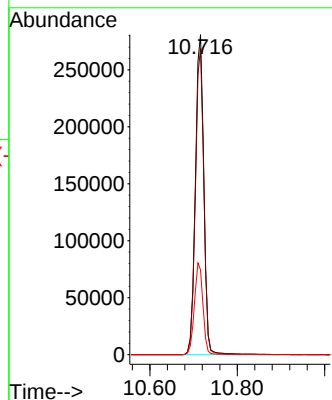
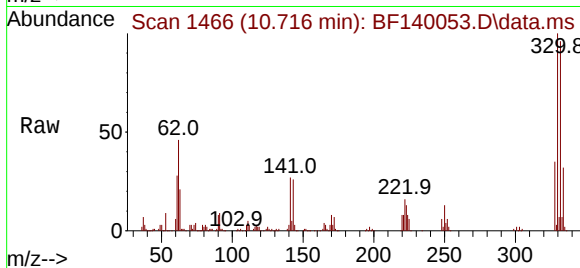
Tgt Ion:330 Resp: 376813

Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

141 29.1 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 67.367 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140053.D

Acq: 26 Oct 2024 12:06

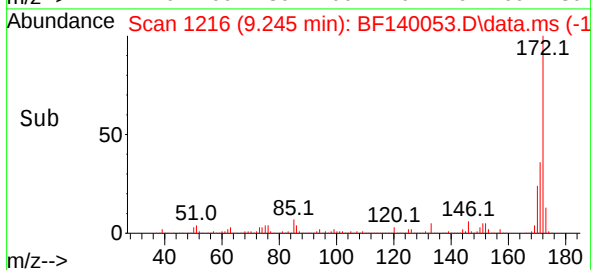
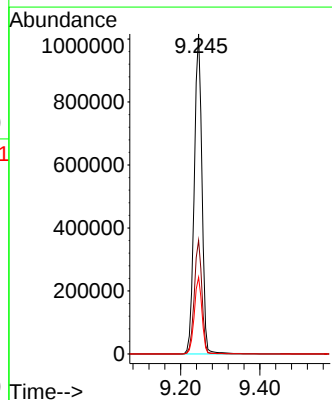
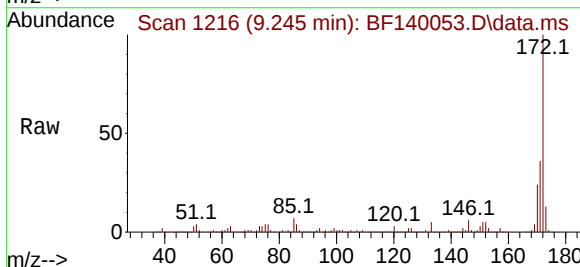
Tgt Ion:172 Resp: 1375699

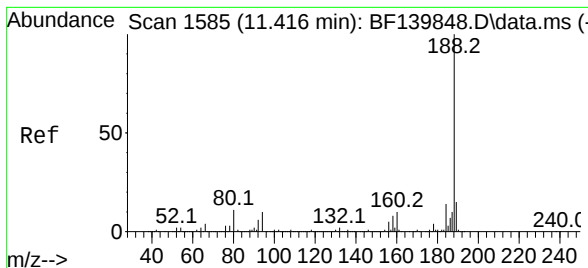
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.9 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: BF140053.D

Acq: 26 Oct 2024 12:06

Instrument :

BNA_F

ClientSampleId :

BP-F22

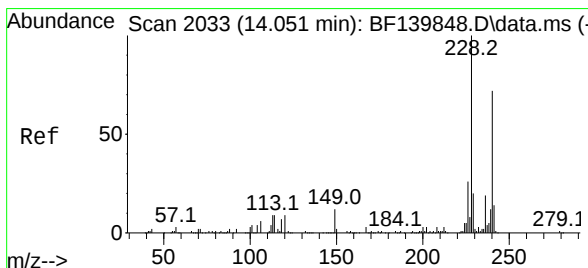
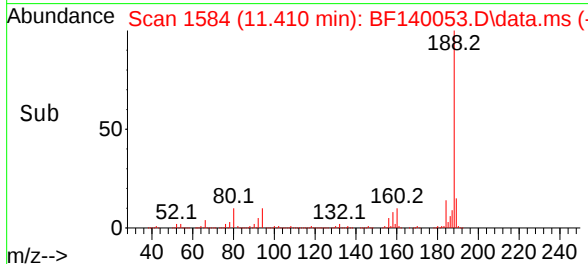
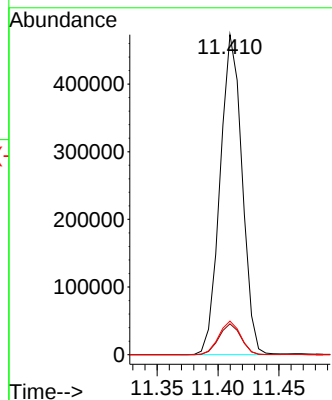
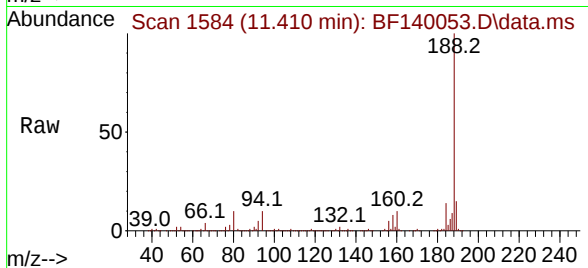
Tgt Ion:188 Resp: 595929

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: BF140053.D

Acq: 26 Oct 2024 12:06

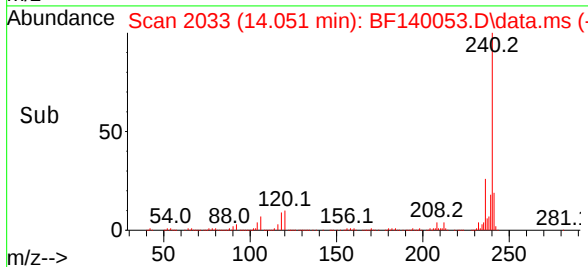
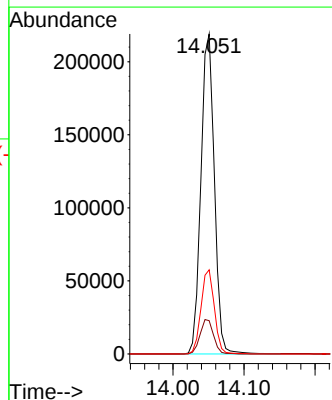
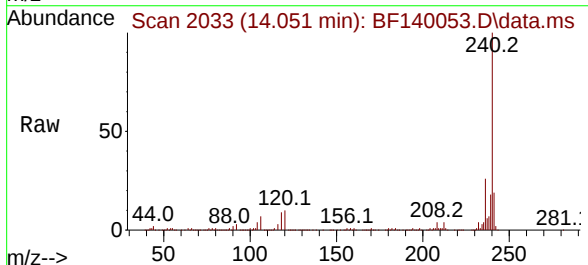
Tgt Ion:240 Resp: 289351

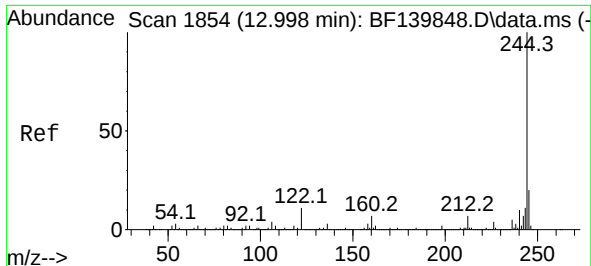
Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

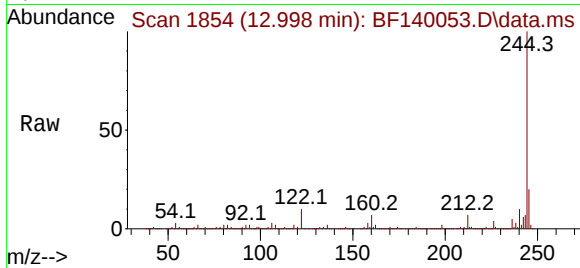
236 26.3 20.9 31.3



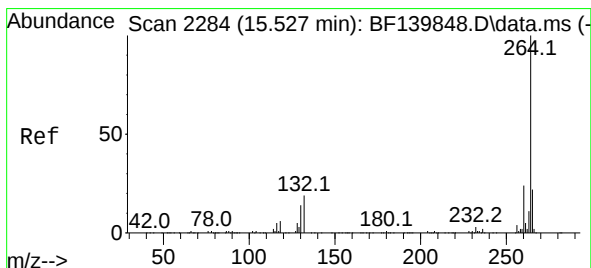
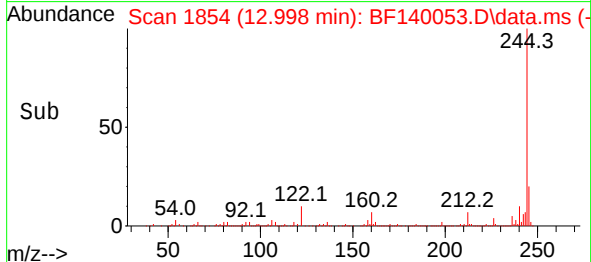
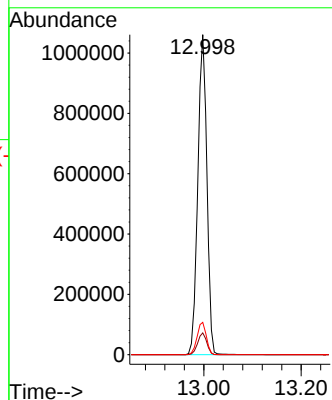


#79
Terphenyl-d14
Concen: 77.863 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140053.D
Acq: 26 Oct 2024 12:06

Instrument :
BNA_F
ClientSampleId :
BP-F22



Tgt Ion:244 Resp: 1382638
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.1 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: BF140053.D
Acq: 26 Oct 2024 12:06

Tgt Ion:264 Resp: 299372
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.0 17.4 26.0

