

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140056.D
Acq On : 26 Oct 2024 13:30
Operator : RC/JU
Sample : P4547-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-20

Quant Time: Oct 28 01:06:49 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	147112	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	584008	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	342667	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	606568	20.000	ng	0.00
76) Chrysene-d12	14.045	240	287964	20.000	ng	0.00
86) Perylene-d12	15.527	264	309365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	847521	90.189	ng	0.01
7) Phenol-d6	6.504	99	1080319	88.763	ng	0.00
23) Nitrobenzene-d5	7.445	82	682996	64.818	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	342332	106.805	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1243957	59.997	ng	0.00
79) Terphenyl-d14	12.998	244	1249504	70.705	ng	0.00

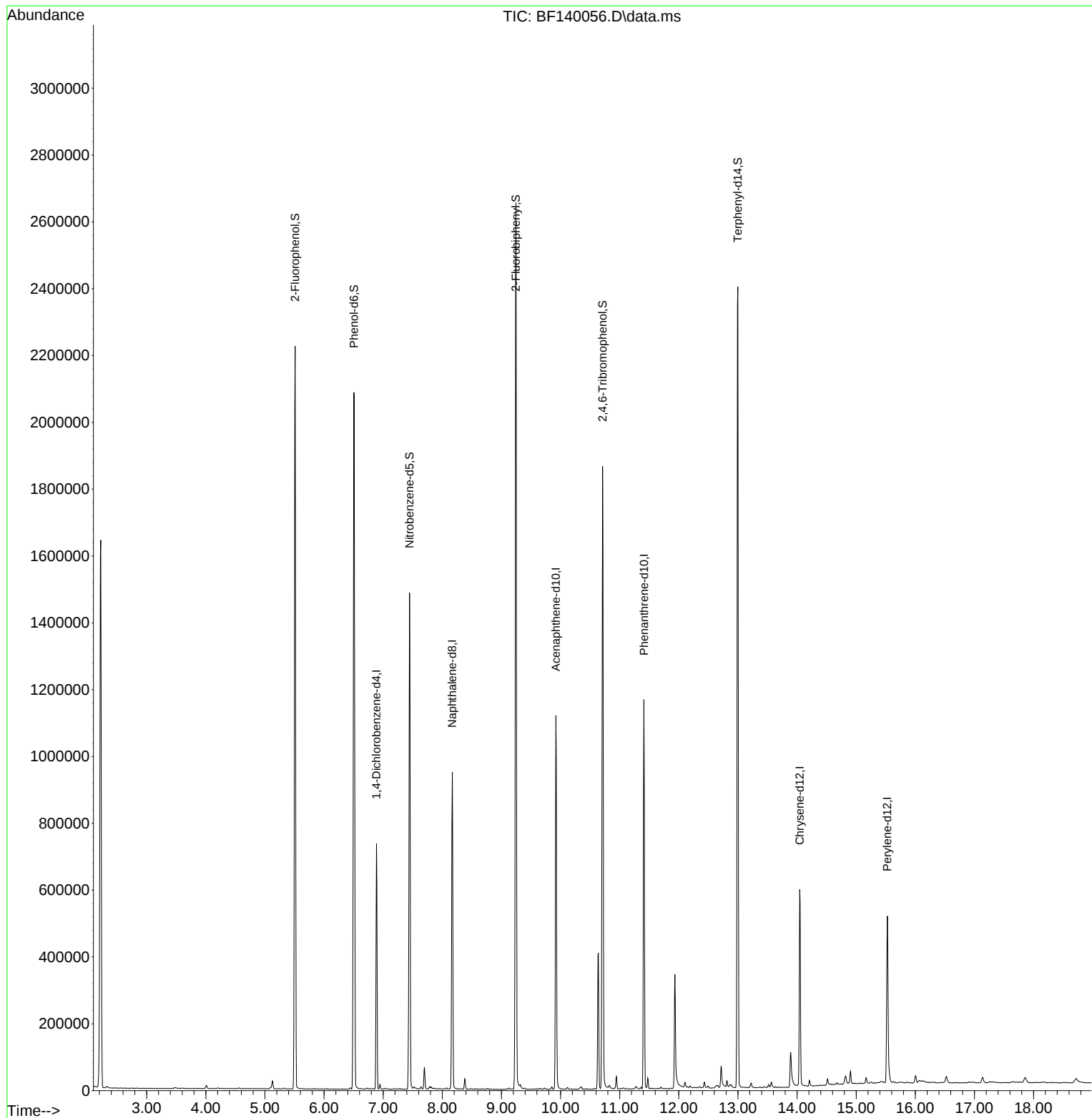
Target Compounds	Qvalue

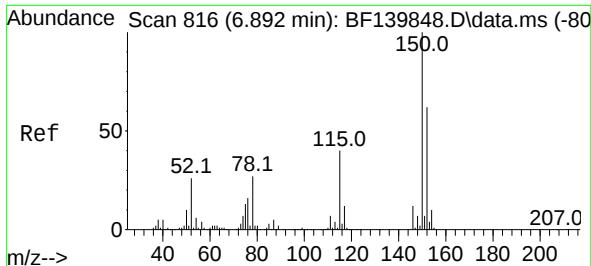
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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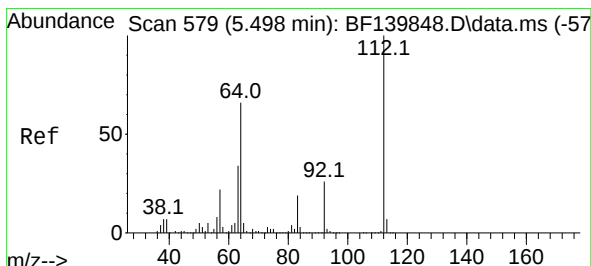
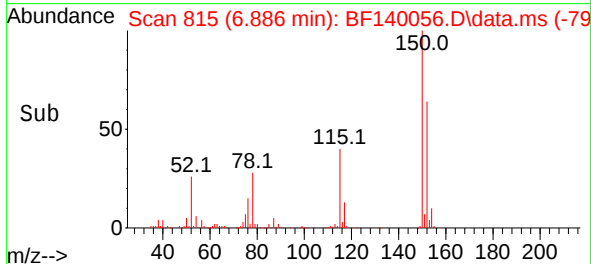
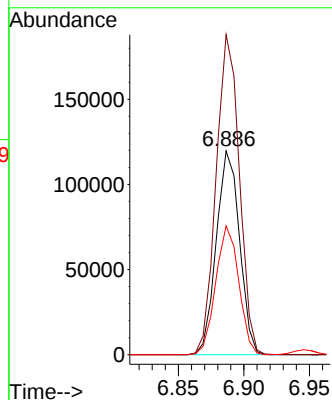
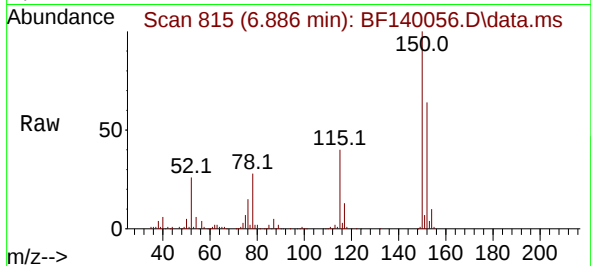




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

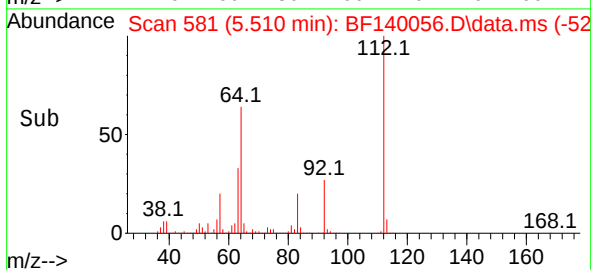
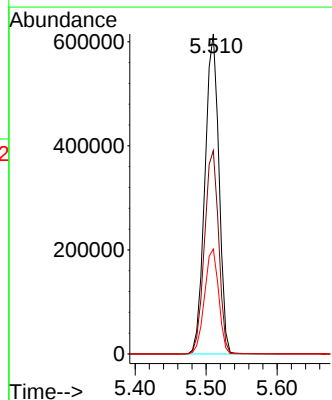
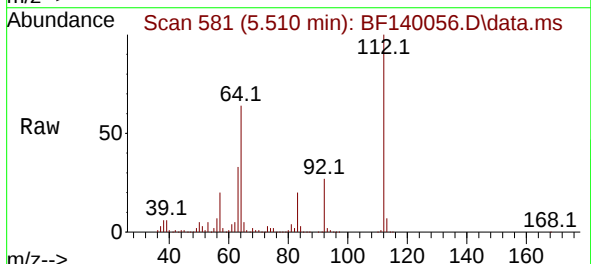
Instrument :
BNA_F
ClientSampleId :
BP-F-20

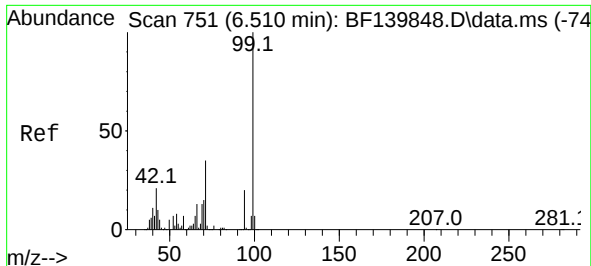
Tgt Ion:152 Resp: 147112
Ion Ratio Lower Upper
152 100
150 157.1 130.2 195.2
115 63.3 51.4 77.2



#5
2-Fluorophenol
Concen: 90.189 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

Tgt Ion:112 Resp: 847521
Ion Ratio Lower Upper
112 100
64 63.5 53.0 79.6
63 32.8 27.0 40.4

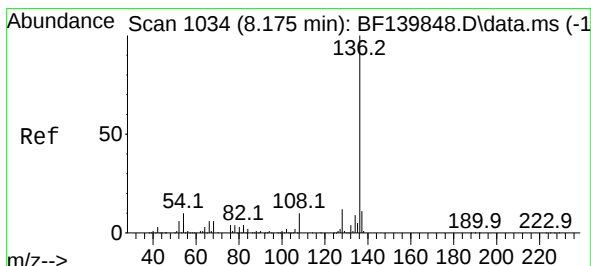
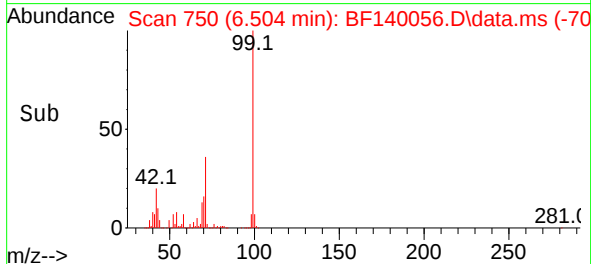
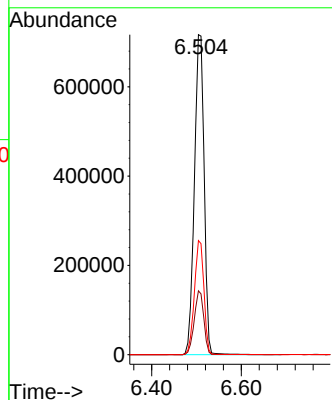
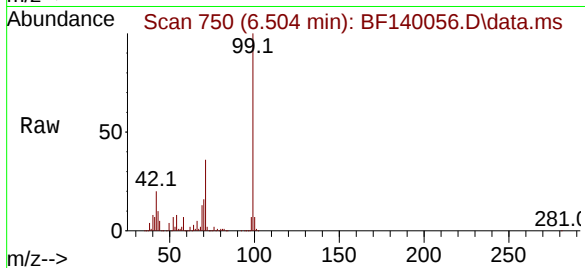




#7
Phenol-d6
Concen: 88.763 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

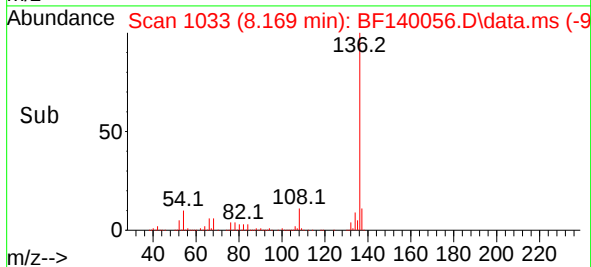
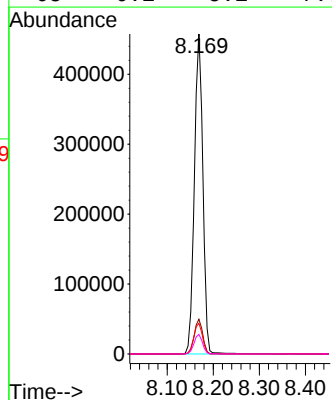
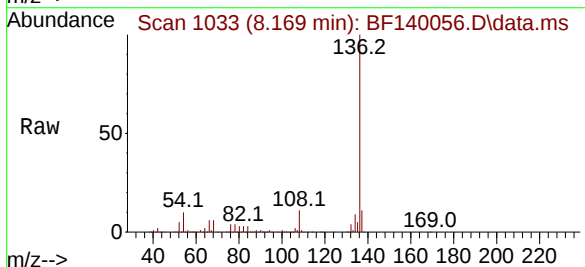
Instrument :
BNA_F
ClientSampleId :
BP-F-20

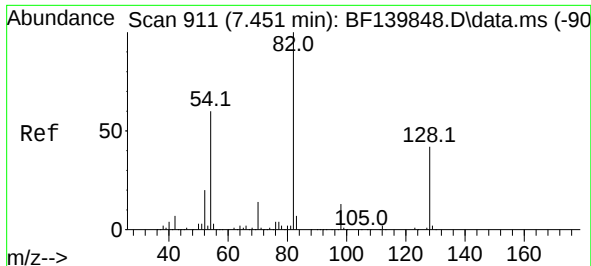
Tgt Ion: 99 Resp: 1080319
Ion Ratio Lower Upper
99 100
42 19.9 16.7 25.1
71 35.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

Tgt Ion:136 Resp: 584008
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.6 8.4 12.6
68 6.1 5.1 7.7





#23

Nitrobenzene-d5

Concen: 64.818 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140056.D

Acq: 26 Oct 2024 13:30

Instrument :

BNA_F

ClientSampleId :

BP-F-20

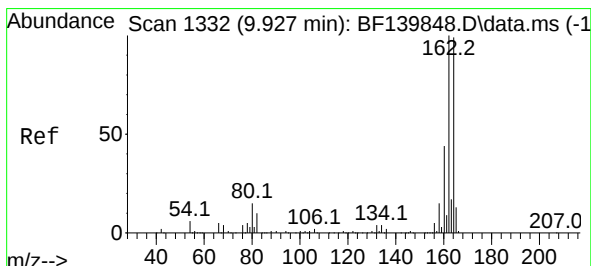
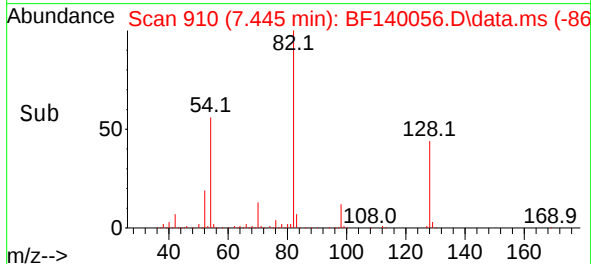
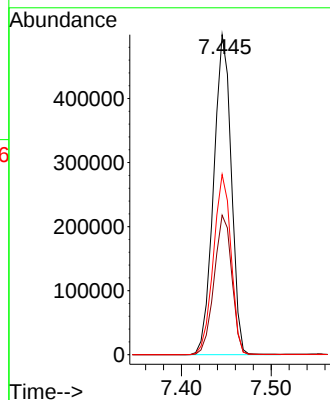
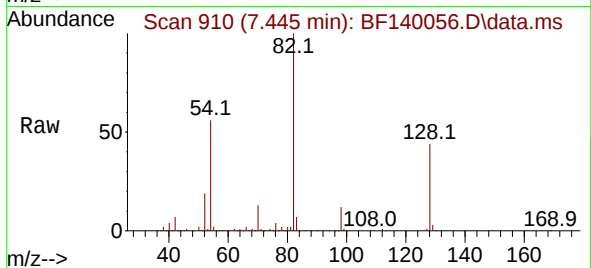
Tgt Ion: 82 Resp: 682996

Ion Ratio Lower Upper

82 100

128 43.6 33.4 50.0

54 56.3 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: BF140056.D

Acq: 26 Oct 2024 13:30

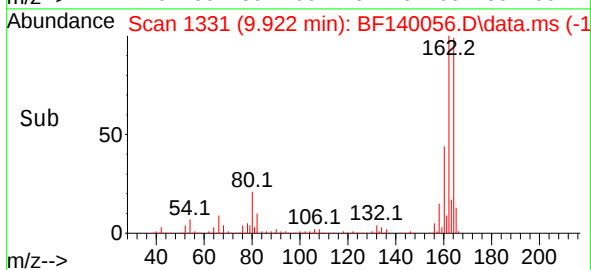
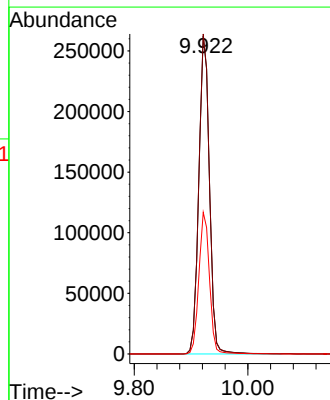
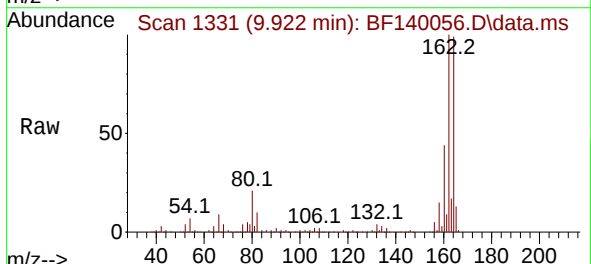
Tgt Ion: 164 Resp: 342667

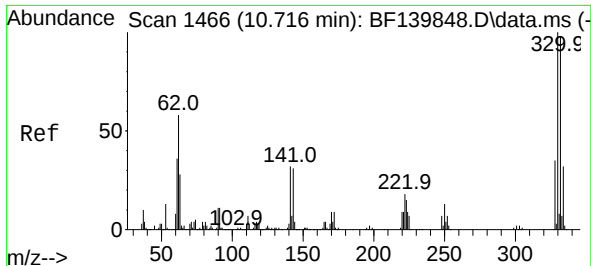
Ion Ratio Lower Upper

164 100

162 100.6 81.0 121.4

160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 106.805 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140056.D

Acq: 26 Oct 2024 13:30

Instrument :

BNA_F

ClientSampleId :

BP-F-20

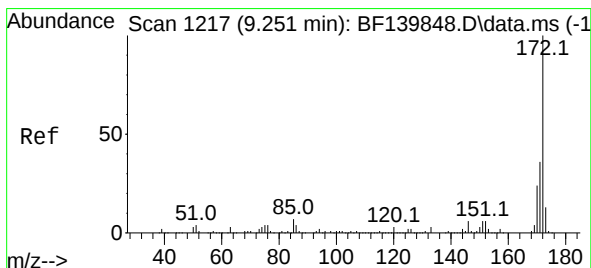
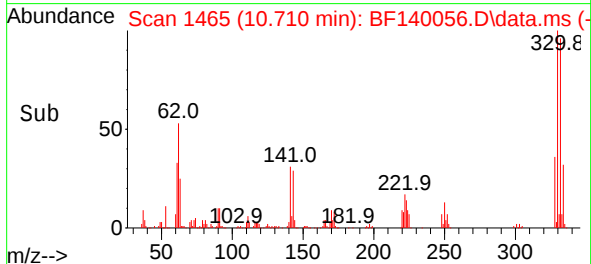
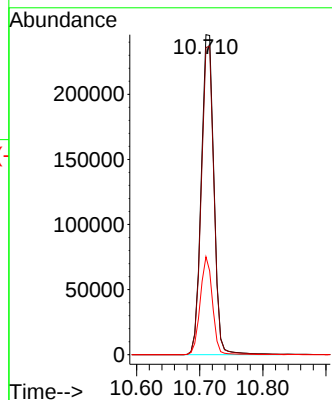
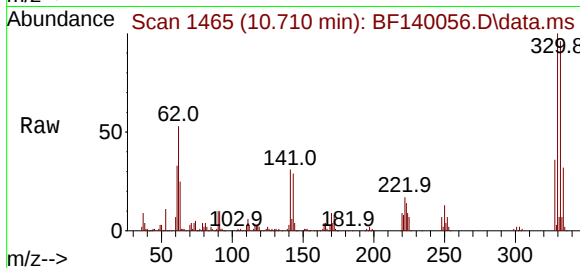
Tgt Ion:330 Resp: 342332

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 29.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 59.997 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140056.D

Acq: 26 Oct 2024 13:30

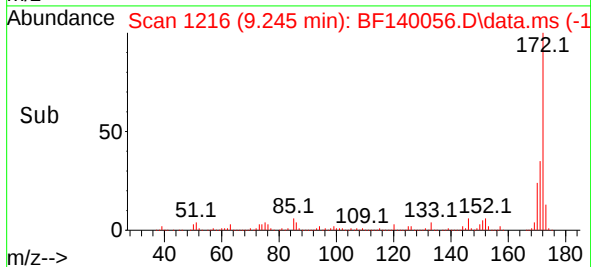
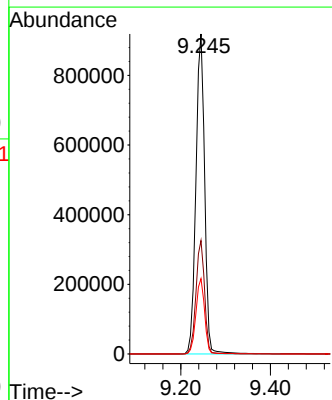
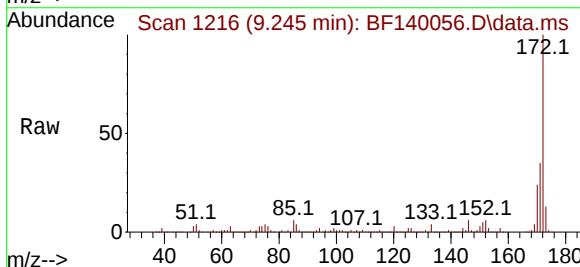
Tgt Ion:172 Resp: 1243957

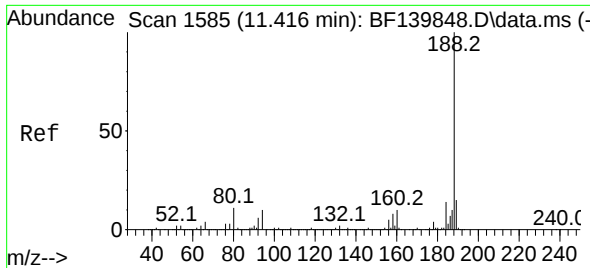
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.6 19.1 28.7

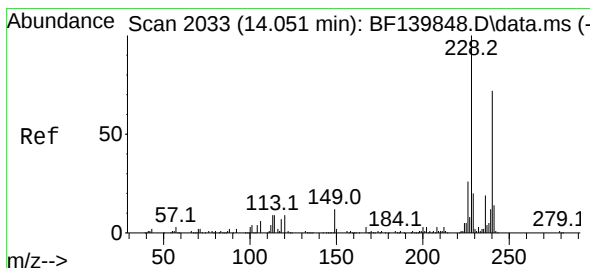
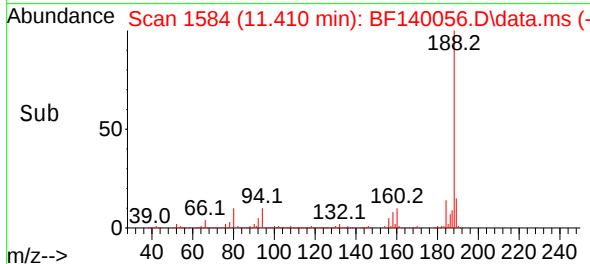
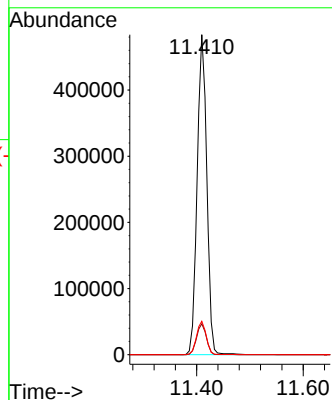
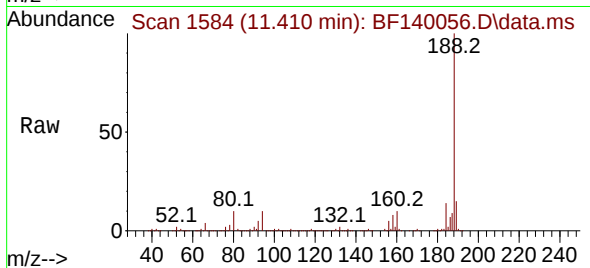




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

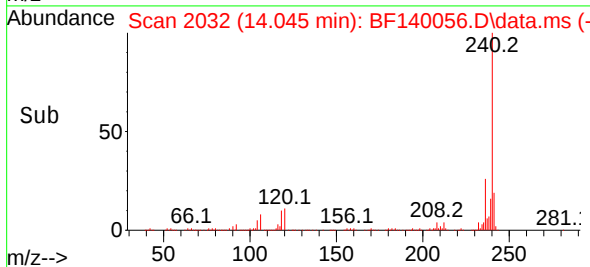
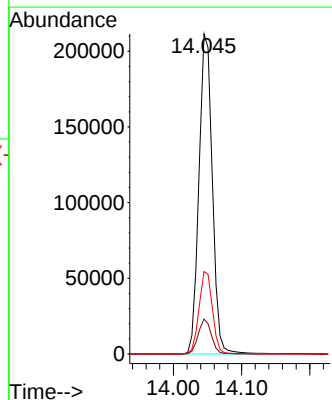
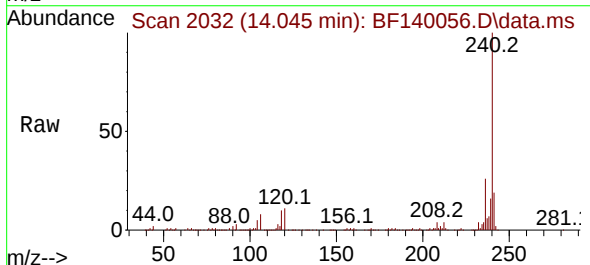
Instrument :
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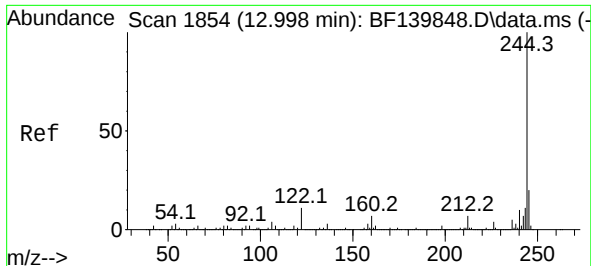
Tgt Ion:188 Resp: 606568
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.4 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140056.D
Acq: 26 Oct 2024 13:30

Tgt Ion:240 Resp: 287964
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 70.705 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140056.D

Acq: 26 Oct 2024 13:30

Instrument :

BNA_F

ClientSampleId :

BP-F-20

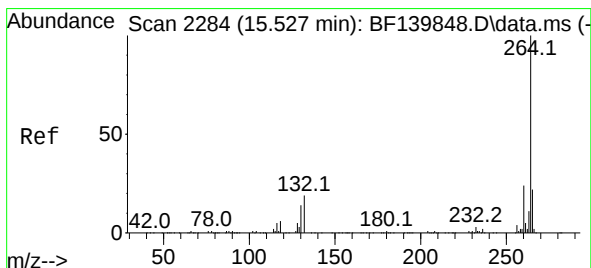
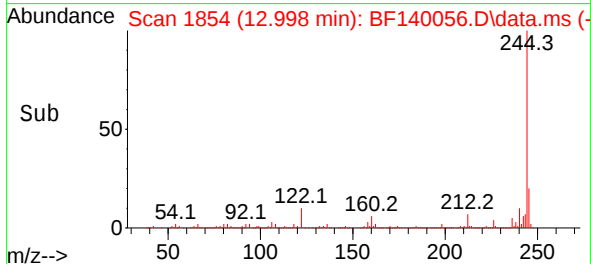
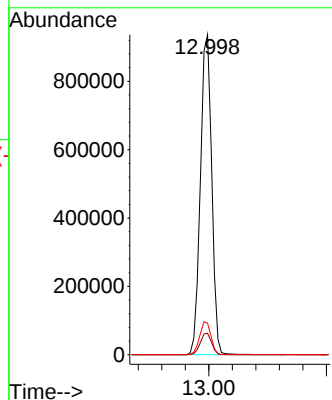
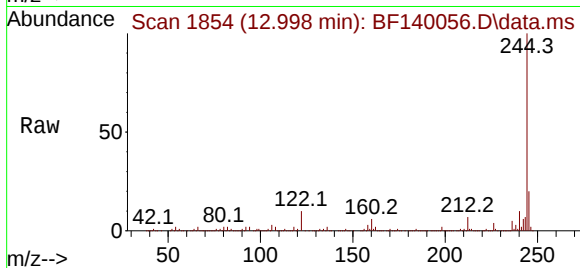
Tgt Ion:244 Resp: 1249504

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 9.8 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: BF140056.D

Acq: 26 Oct 2024 13:30

Tgt Ion:264 Resp: 309365

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.8 17.4 26.0

