

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
Data File : BF140042.D
Acq On : 25 Oct 2024 17:25
Operator : RC/JU
Sample : P4485-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D20241001-01-04

Quant Time: Oct 25 17:53:05 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	84666	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	327697	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	185532	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	315779	20.000	ng	0.00
76) Chrysene-d12	14.045	240	170721	20.000	ng	0.00
86) Perylene-d12	15.527	264	206653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	358393	66.267	ng	0.00
7) Phenol-d6	6.504	99	452091	64.542	ng	0.00
23) Nitrobenzene-d5	7.446	82	302857	51.222	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	125036	72.050	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	561163	49.988	ng	-0.01
79) Terphenyl-d14	12.992	244	418970	39.989	ng	0.00

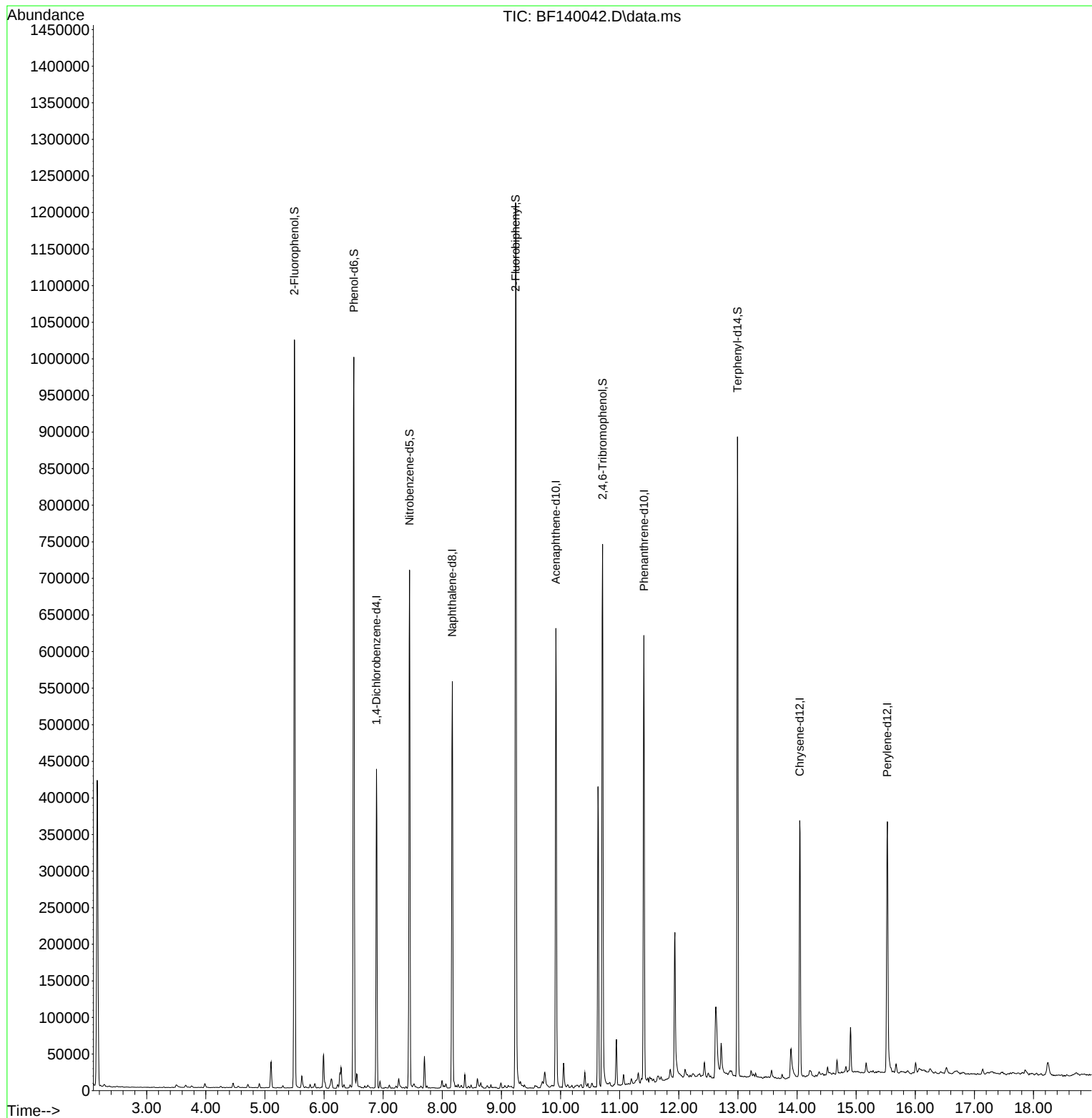
Target Compounds	Qvalue

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

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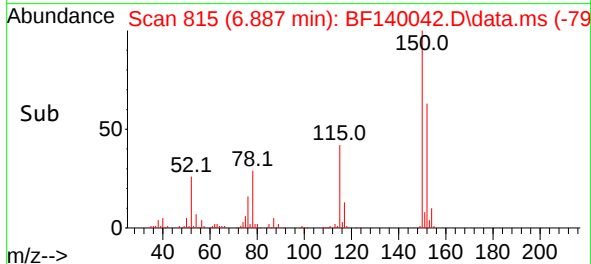
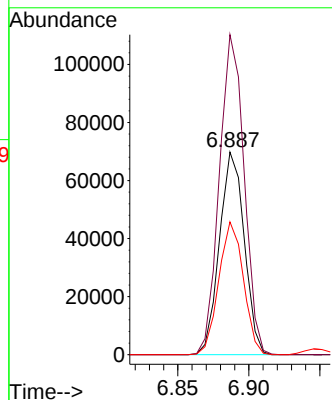
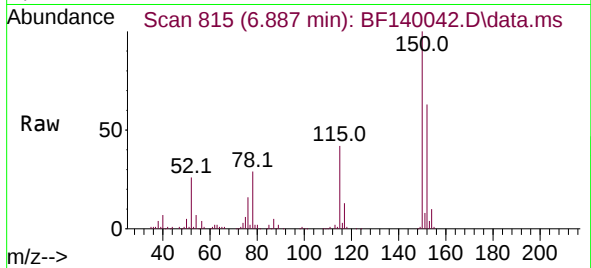




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140042.D
Acq: 25 Oct 2024 17:25

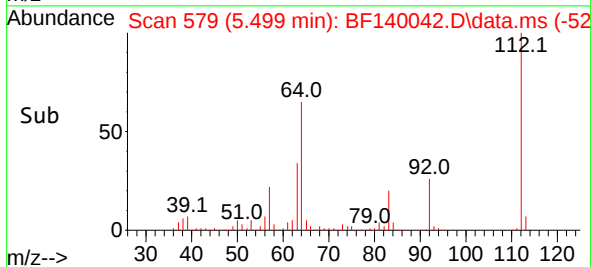
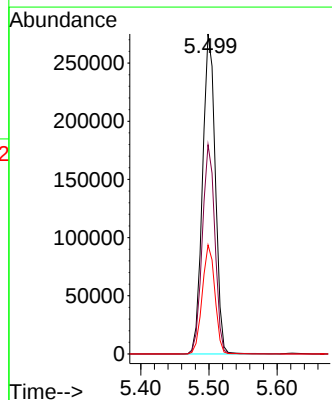
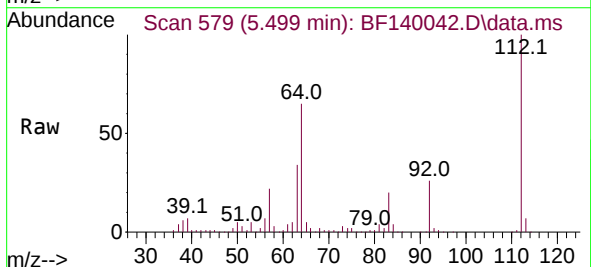
Instrument :
BNA_F
ClientSampleId :
D20241001-01-04

Tgt Ion:152 Resp: 84666
Ion Ratio Lower Upper
152 100
150 157.9 130.2 195.2
115 65.5 51.4 77.2



#5
2-Fluorophenol
Concen: 66.267 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140042.D
Acq: 25 Oct 2024 17:25

Tgt Ion:112 Resp: 358393
Ion Ratio Lower Upper
112 100
64 65.4 53.0 79.6
63 34.1 27.0 40.4





#7

Phenol-d6

Concen: 64.542 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140042.D

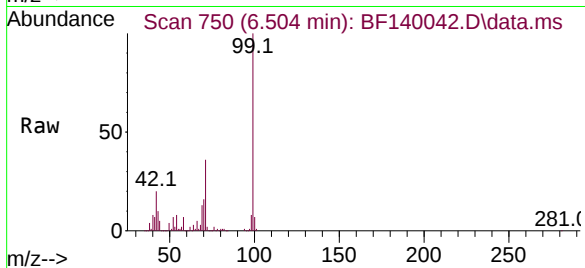
Acq: 25 Oct 2024 17:25

Instrument :

BNA_F

ClientSampleId :

D20241001-01-04



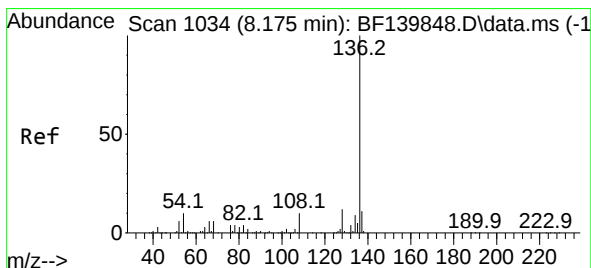
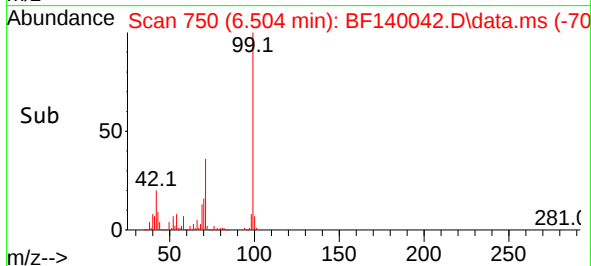
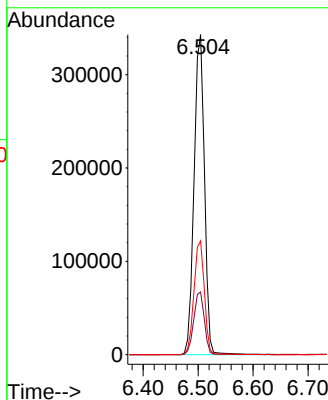
Tgt Ion: 99 Resp: 452091

Ion Ratio Lower Upper

99 100

42 19.6 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: BF140042.D

Acq: 25 Oct 2024 17:25

Tgt Ion: 136 Resp: 327697

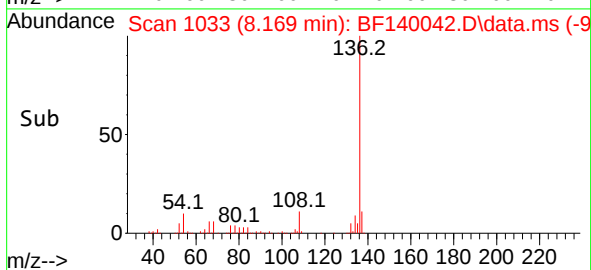
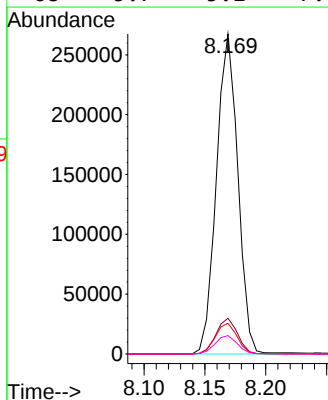
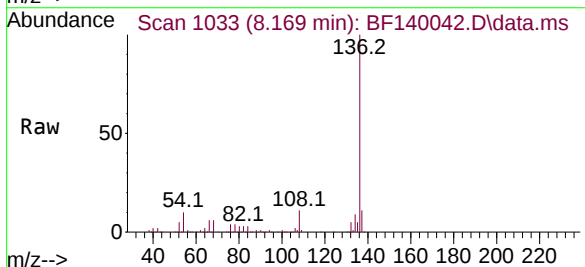
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 9.6 8.4 12.6

68 5.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 51.222 ng

RT: 7.446 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140042.D

Acq: 25 Oct 2024 17:25

Instrument :

BNA_F

ClientSampleId :

D20241001-01-04

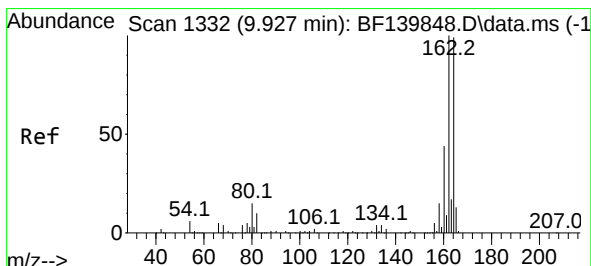
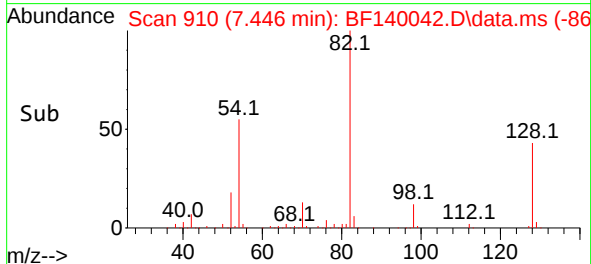
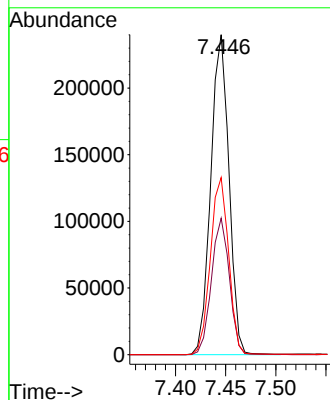
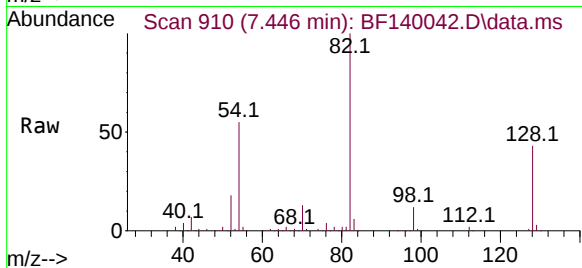
Tgt Ion: 82 Resp: 302857

Ion Ratio Lower Upper

82 100

128 42.6 33.4 50.0

54 55.4 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: BF140042.D

Acq: 25 Oct 2024 17:25

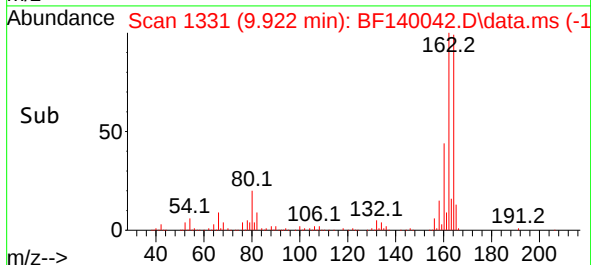
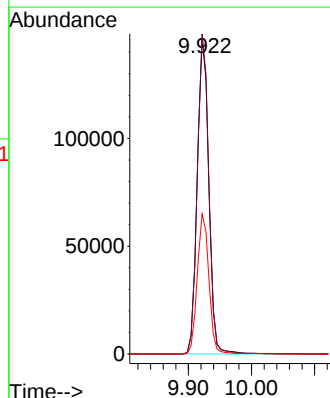
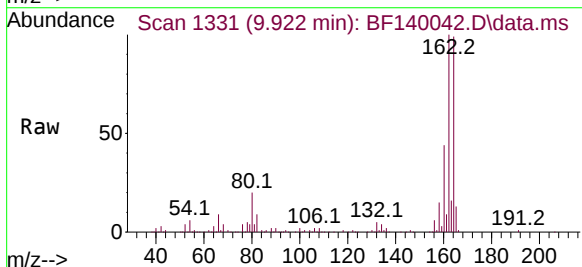
Tgt Ion: 164 Resp: 185532

Ion Ratio Lower Upper

164 100

162 101.2 81.0 121.4

160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 72.050 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140042.D

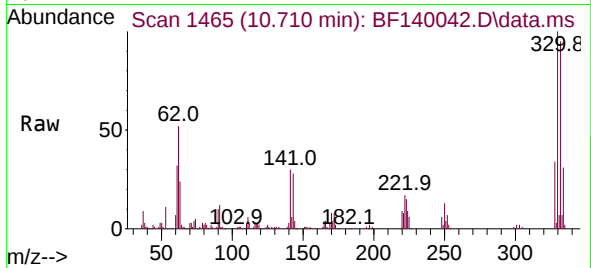
Acq: 25 Oct 2024 17:25

Instrument :

BNA_F

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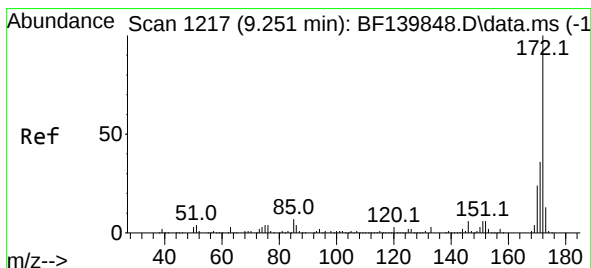
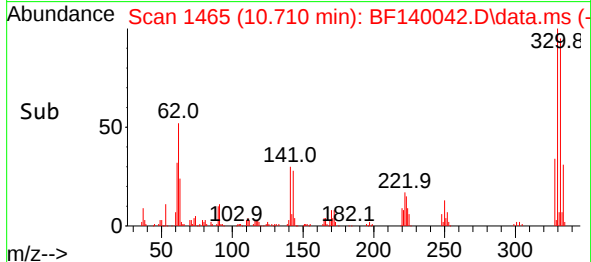
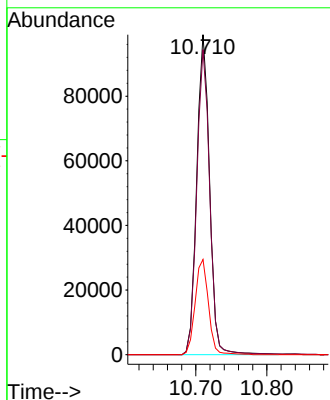
Tgt Ion:330 Resp: 125036

Ion Ratio Lower Upper

330 100

332 96.1 78.1 117.1

141 30.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 49.988 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.011 min

Lab File: BF140042.D

Acq: 25 Oct 2024 17:25

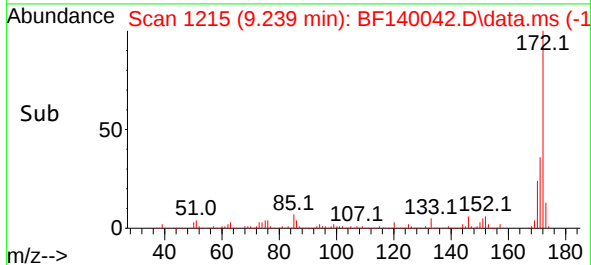
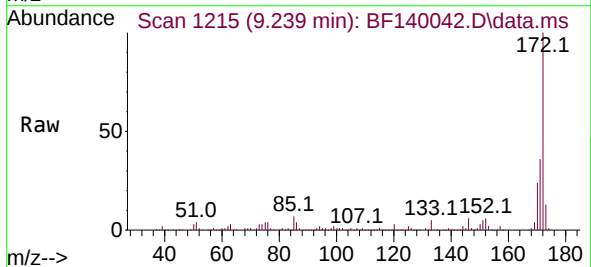
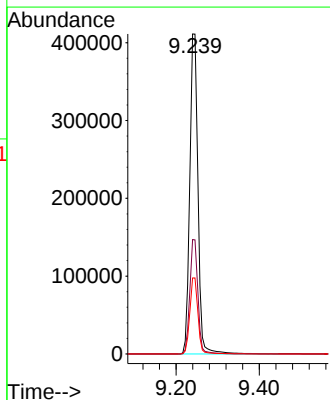
Tgt Ion:172 Resp: 561163

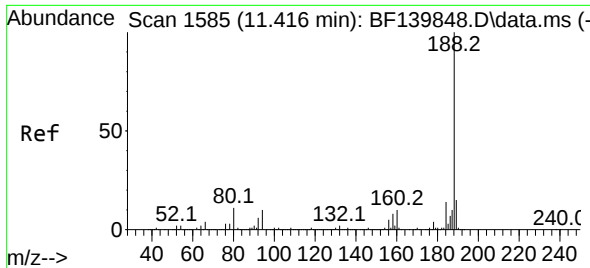
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.8 19.1 28.7

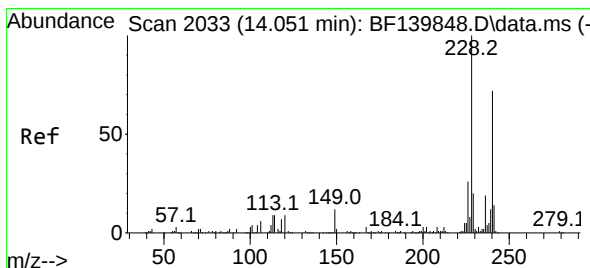
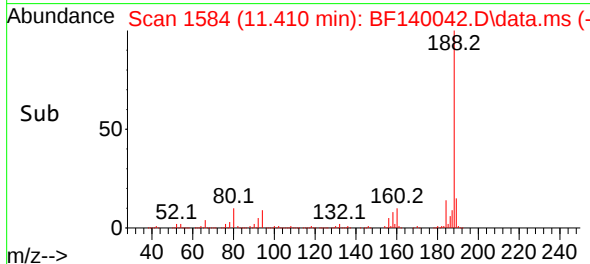
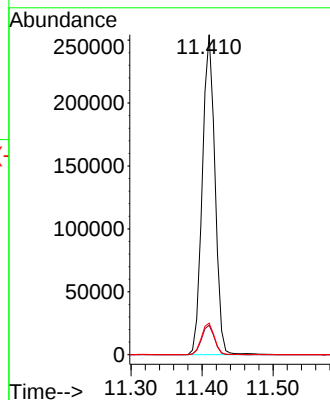
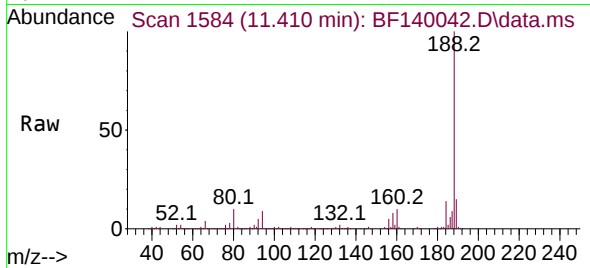




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140042.D
Acq: 25 Oct 2024 17:25

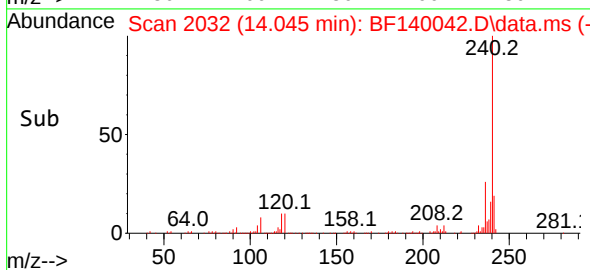
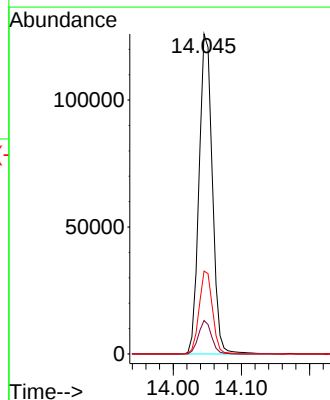
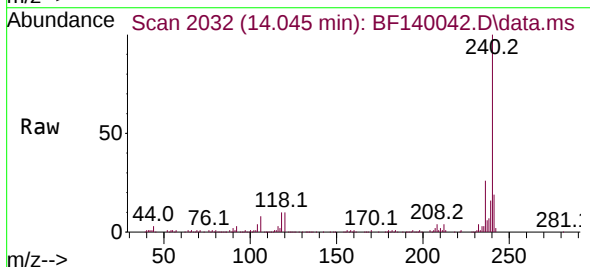
Instrument :
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Tgt Ion:188 Resp: 315779
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 9.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140042.D
Acq: 25 Oct 2024 17:25

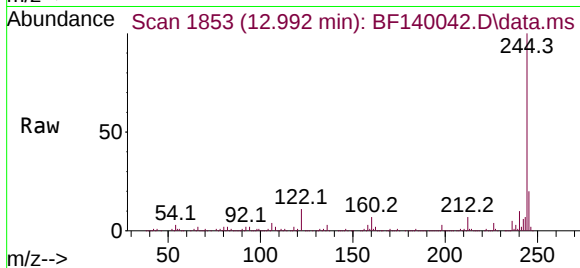
Tgt Ion:240 Resp: 170721
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 25.9 20.9 31.3



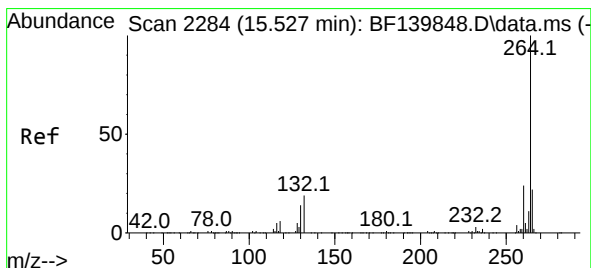
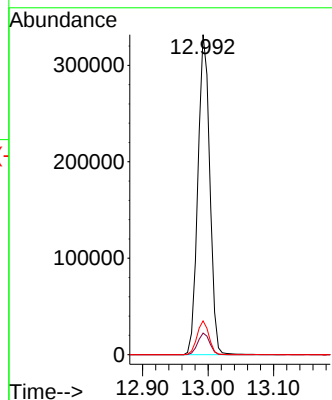
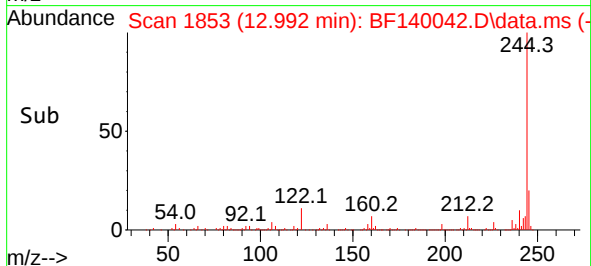


#79
 Terphenyl-d14
 Concen: 39.989 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140042.D
 Acq: 25 Oct 2024 17:25

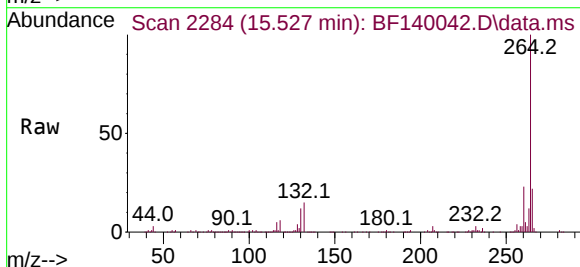
Instrument :
 BNA_F
 ClientSampleId :
 D20241001-01-04



Tgt Ion:244 Resp: 418970
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.6 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: BF140042.D
 Acq: 25 Oct 2024 17:25



Tgt Ion:264 Resp: 206653
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.6 17.4 26.0

