

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140114.D
Acq On : 29 Oct 2024 16:26
Operator : RC/JU
Sample : PB164497BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164497BL

Quant Time: Oct 29 17:02:28 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	131951	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	529341	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	309747	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	594247	20.000	ng	0.00
76) Chrysene-d12	14.063	240	362694	20.000	ng	0.01
86) Perylene-d12	15.568	264	299972	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1002436	118.931	ng	0.02
7) Phenol-d6	6.510	99	1264139	115.800	ng	0.00
23) Nitrobenzene-d5	7.445	82	861987	90.253	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	411968	142.191	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1594438	85.073	ng	0.00
79) Terphenyl-d14	13.004	244	1955554	87.857	ng	0.00

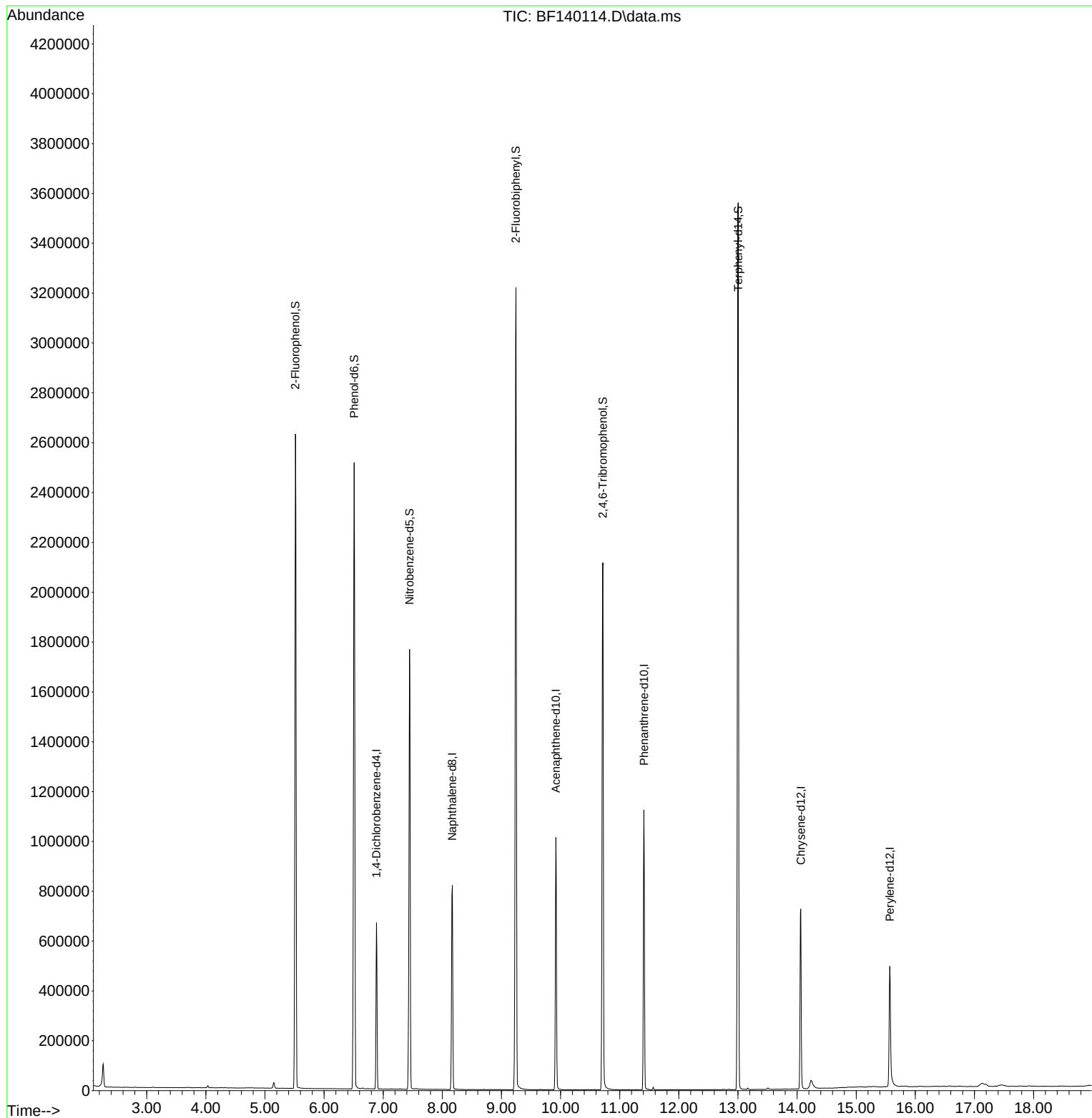
Target Compounds	Qvalue

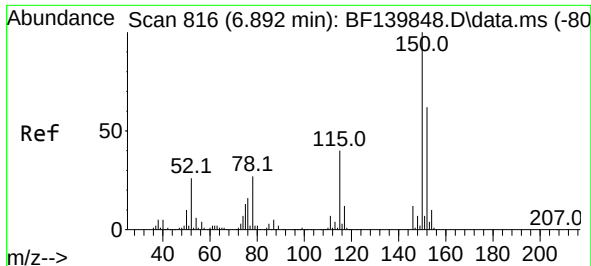
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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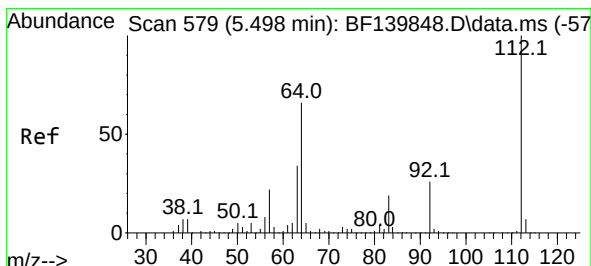
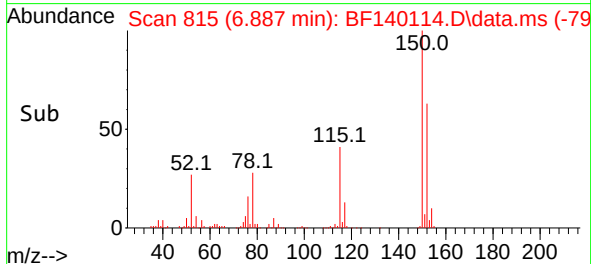
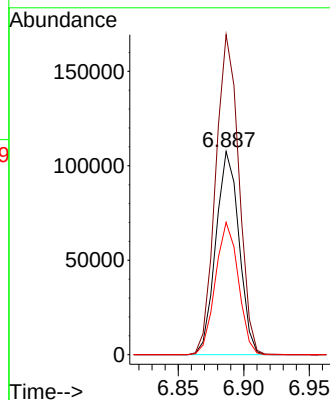
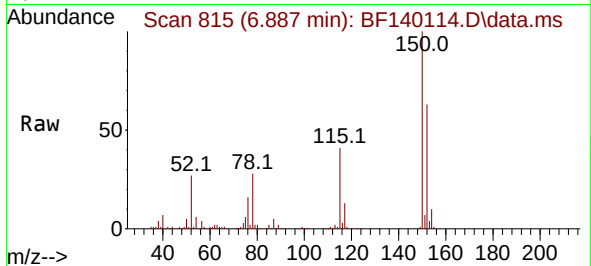




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140114.D
Acq: 29 Oct 2024 16:26

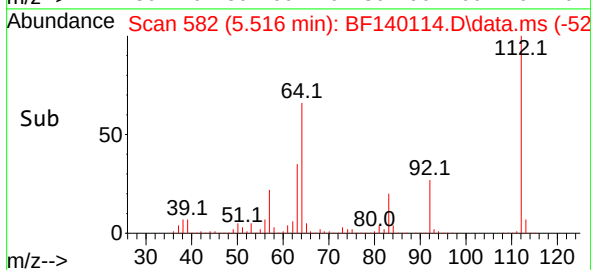
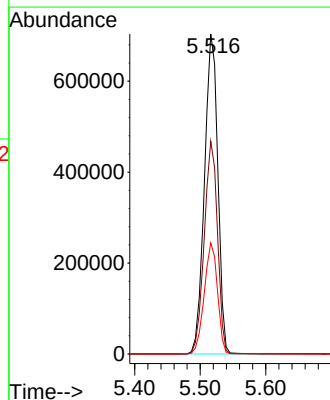
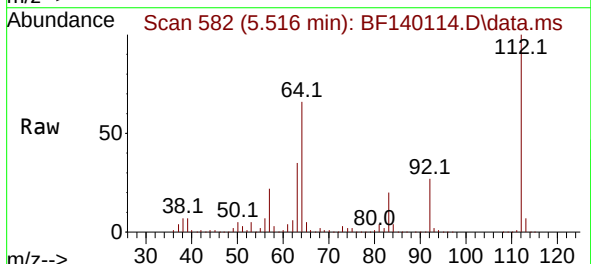
Instrument :
BNA_F
ClientSampleId :
PB164497BL

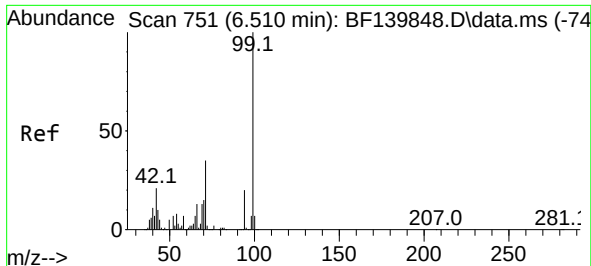
Tgt Ion:152 Resp: 131951
Ion Ratio Lower Upper
152 100
150 157.5 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 118.931 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140114.D
Acq: 29 Oct 2024 16:26

Tgt Ion:112 Resp: 1002436
Ion Ratio Lower Upper
112 100
64 66.5 53.0 79.6
63 34.7 27.0 40.4



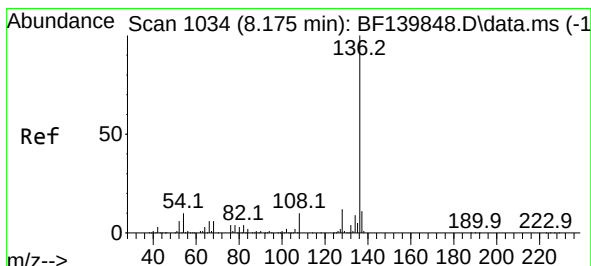
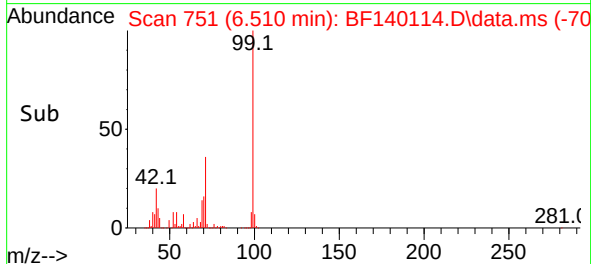
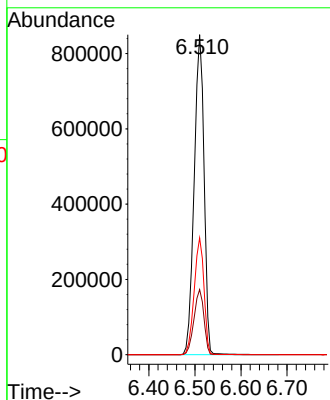
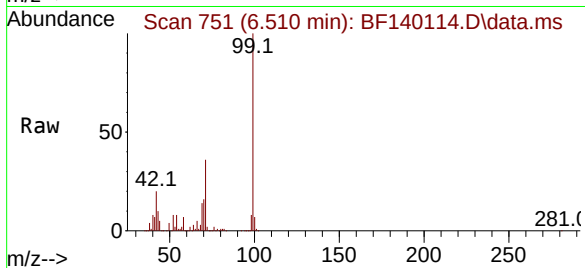


#7
Phenol-d6
Concen: 115.800 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140114.D
Acq: 29 Oct 2024 16:26

Instrument :
BNA_F
ClientSampleId :
PB164497BL

Tgt Ion: 99 Resp: 1264139

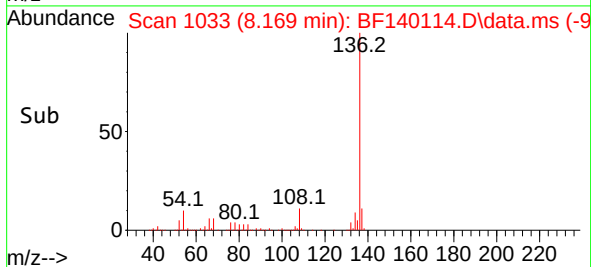
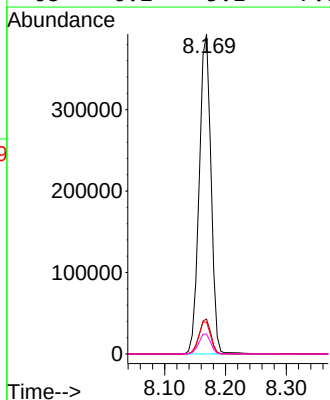
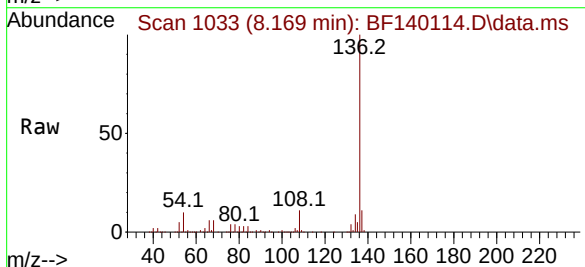
Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.7	25.1
71	36.5	27.7	41.5

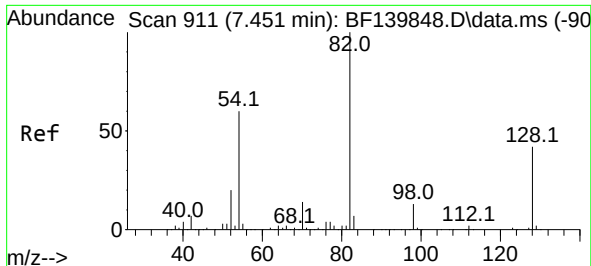


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140114.D
Acq: 29 Oct 2024 16:26

Tgt Ion: 136 Resp: 529341

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.0	8.4	12.6
68	6.2	5.1	7.7





#23

Nitrobenzene-d5

Concen: 90.253 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140114.D

Acq: 29 Oct 2024 16:26

Instrument :

BNA_F

ClientSampleId :

PB164497BL

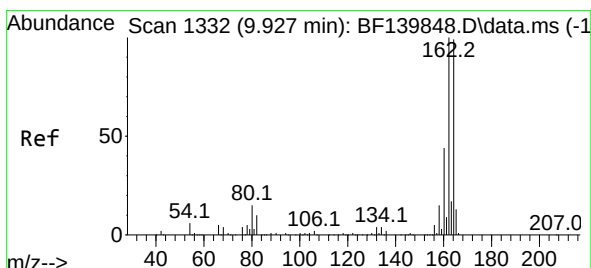
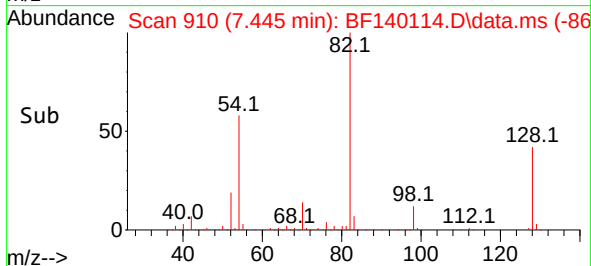
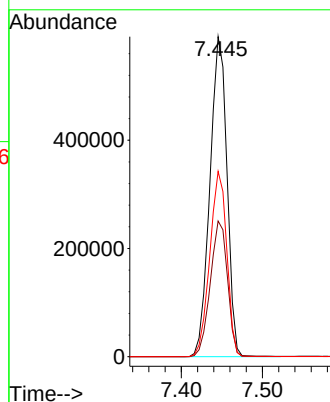
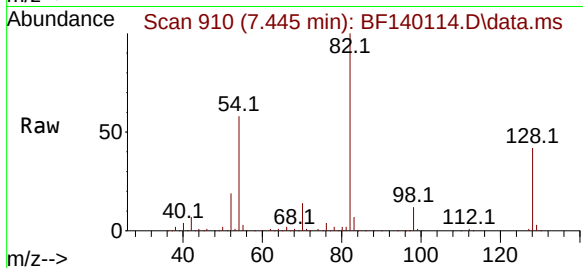
Tgt Ion: 82 Resp: 861987

Ion Ratio Lower Upper

82 100

128 42.4 33.4 50.0

54 57.9 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: BF140114.D

Acq: 29 Oct 2024 16:26

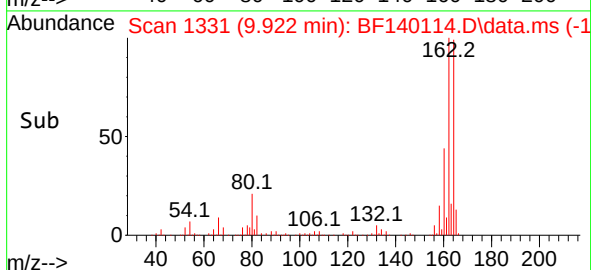
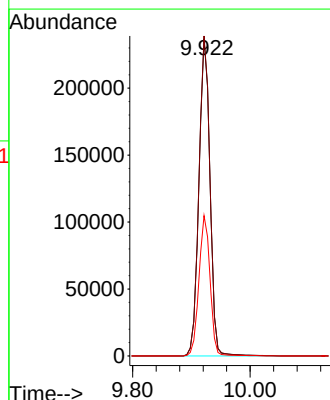
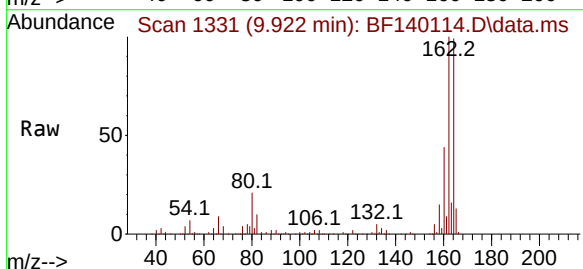
Tgt Ion:164 Resp: 309747

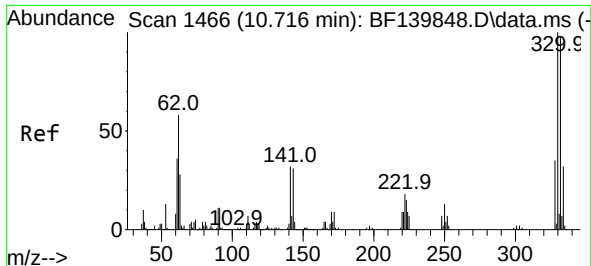
Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 142.191 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140114.D

Acq: 29 Oct 2024 16:26

Instrument :

BNA_F

ClientSampleId :

PB164497BL

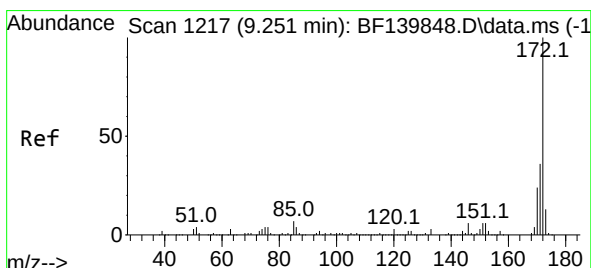
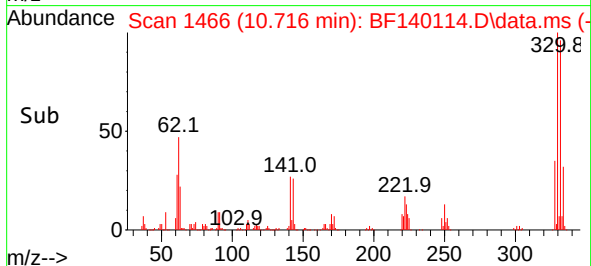
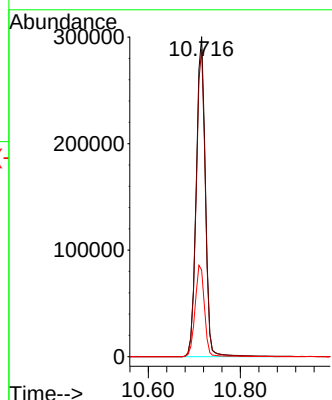
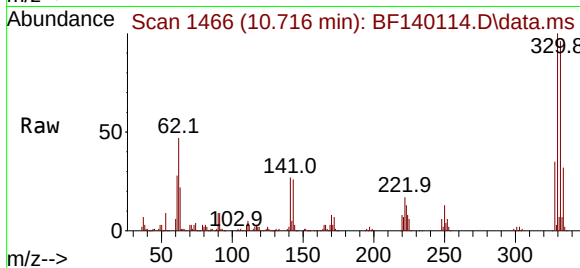
Tgt Ion:330 Resp: 411968

Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

141 29.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 85.073 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140114.D

Acq: 29 Oct 2024 16:26

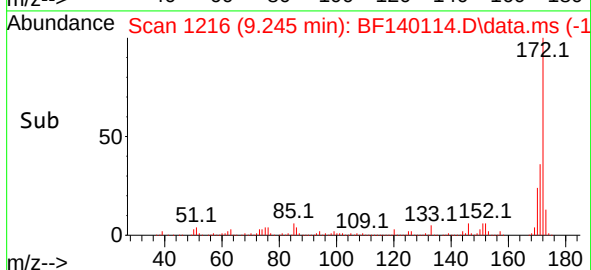
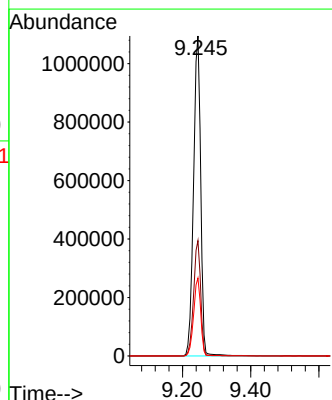
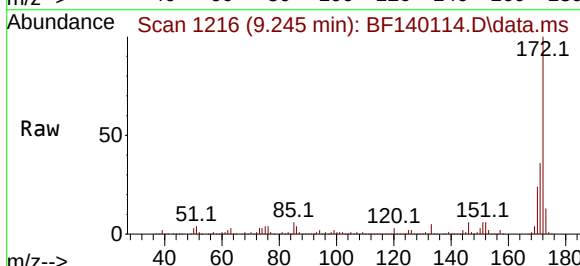
Tgt Ion:172 Resp: 1594438

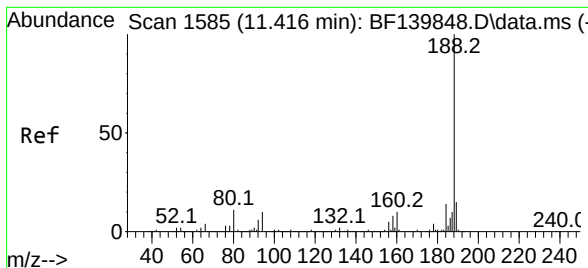
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.3 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: BF140114.D

Acq: 29 Oct 2024 16:26

Instrument :

BNA_F

ClientSampleId :

PB164497BL

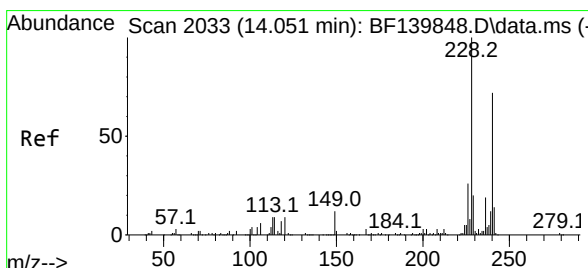
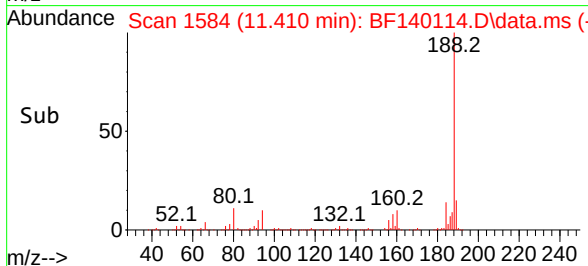
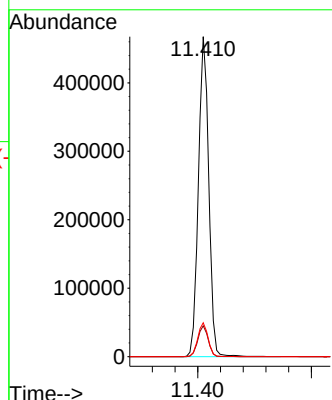
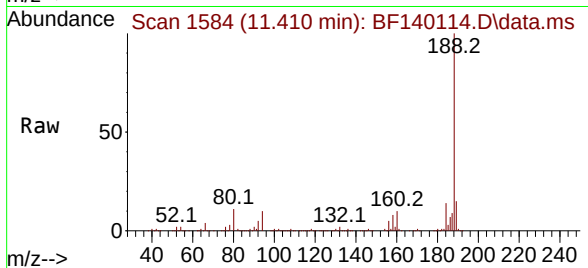
Tgt Ion:188 Resp: 594247

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.6 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF140114.D

Acq: 29 Oct 2024 16:26

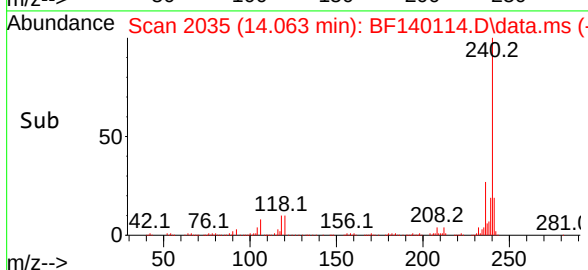
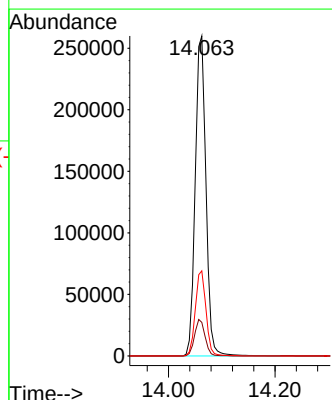
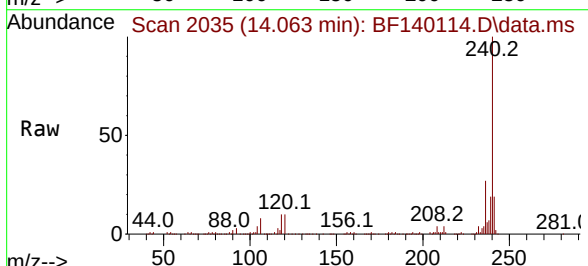
Tgt Ion:240 Resp: 362694

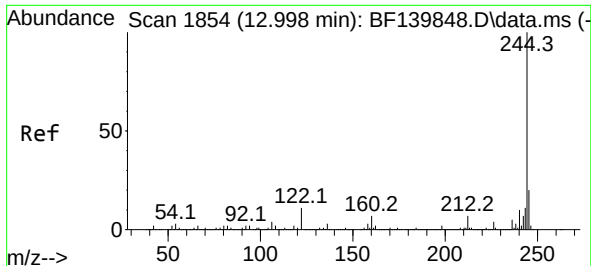
Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 26.6 20.9 31.3

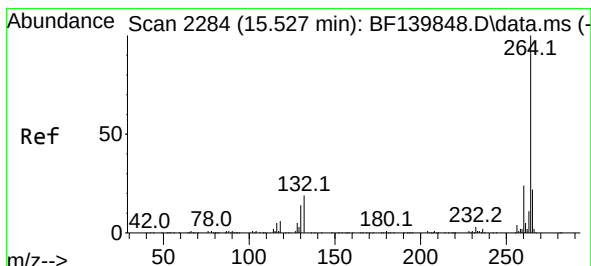
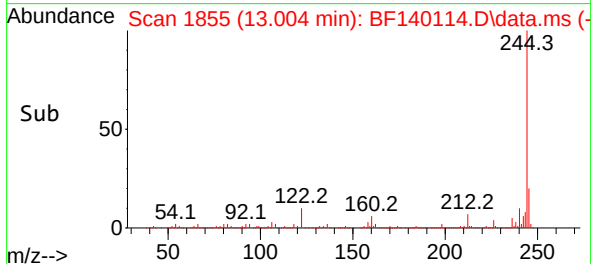
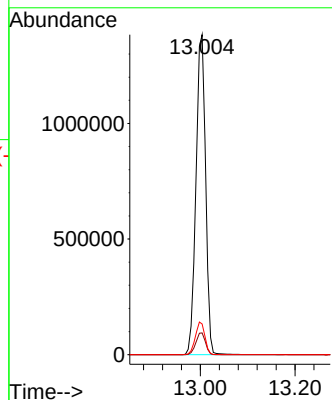
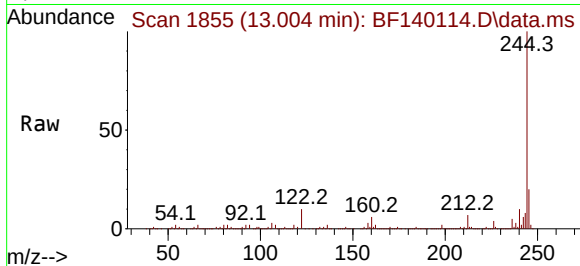




#79
 Terphenyl-d14
 Concen: 87.857 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140114.D
 Acq: 29 Oct 2024 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB164497BL

Tgt Ion:244 Resp: 1955554
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2291
 Delta R.T. 0.041 min
 Lab File: BF140114.D
 Acq: 29 Oct 2024 16:26

Tgt Ion:264 Resp: 299972
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.7 17.4 26.0

