

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140646.D
 Acq On : 26 Nov 2024 17:07
 Operator : RC/JU
 Sample : P4938-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-732

Quant Time: Nov 27 00:07:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	61951	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	224280	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	115420	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	199114	20.000	ng	0.00
76) Chrysene-d12	14.045	240	136344	20.000	ng	0.00
86) Perylene-d12	15.539	264	115827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	539799	148.667	ng	0.00
7) Phenol-d6	6.510	99	677882	141.221	ng	0.00
23) Nitrobenzene-d5	7.434	82	433323	98.826	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	183794	148.890	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	795445	102.683	ng	-0.01
79) Terphenyl-d14	12.980	244	756993	86.453	ng	-0.01

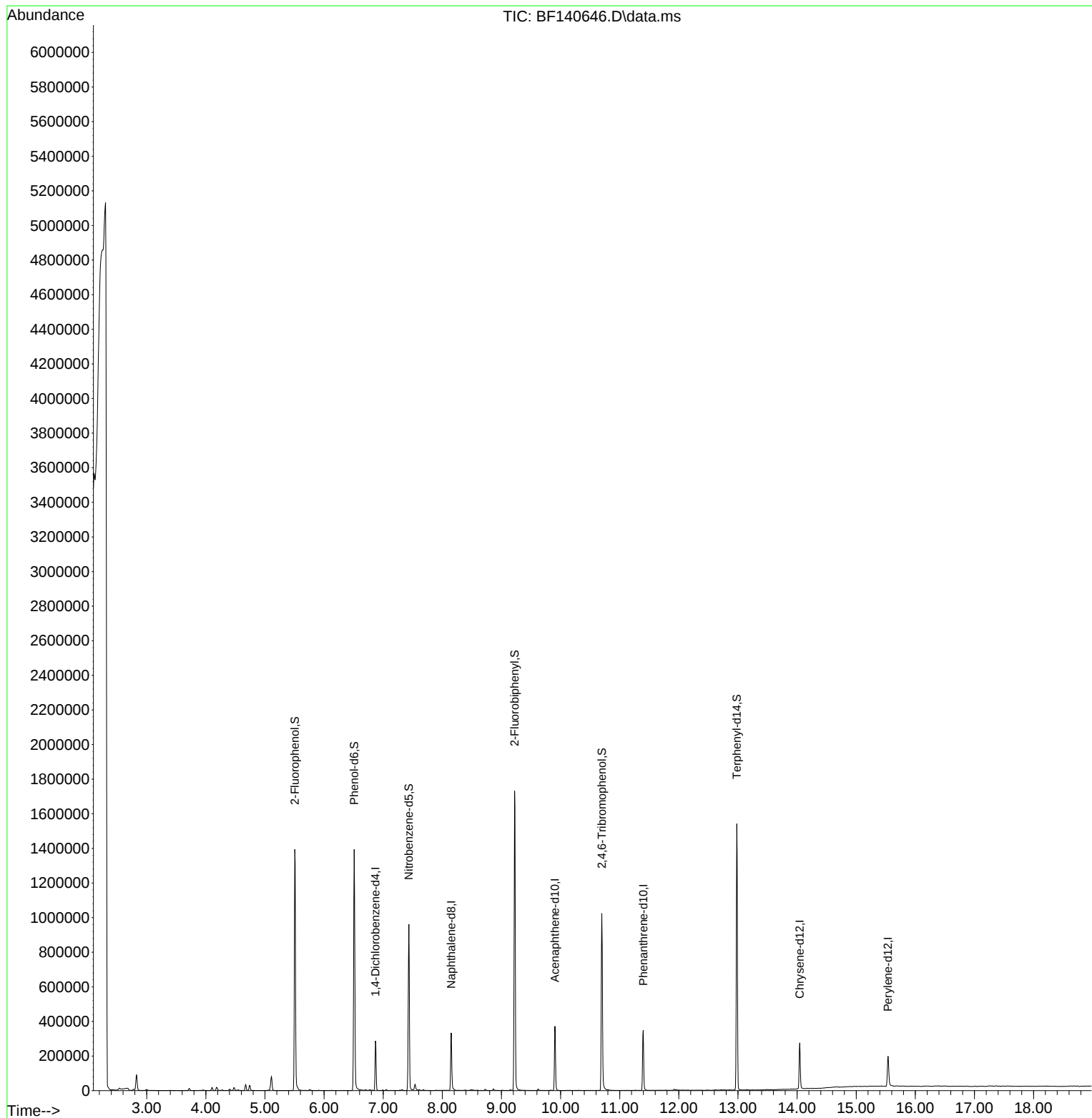
Target Compounds	Qvalue

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

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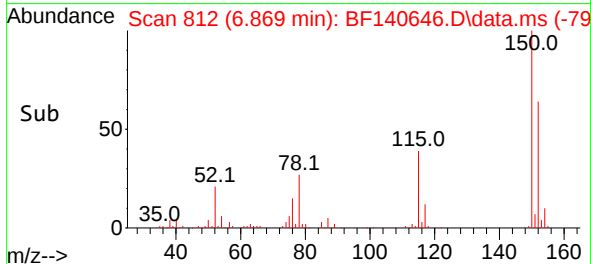
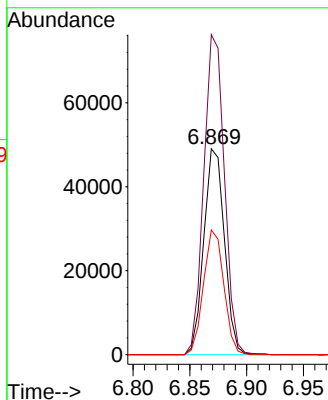
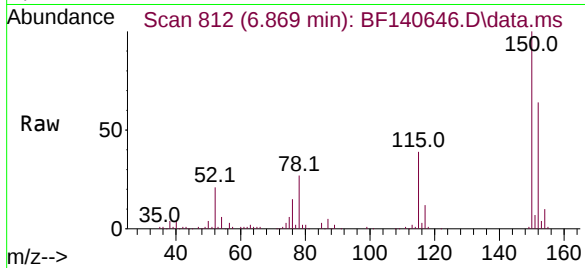




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

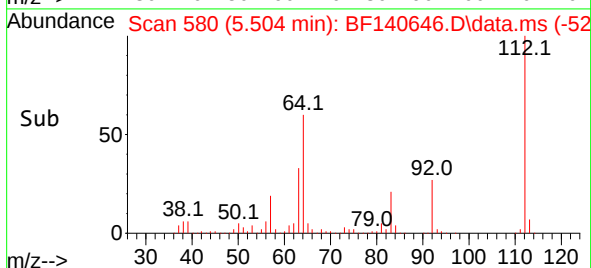
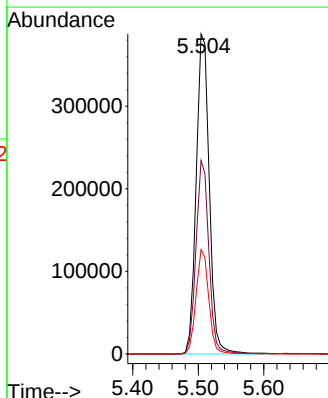
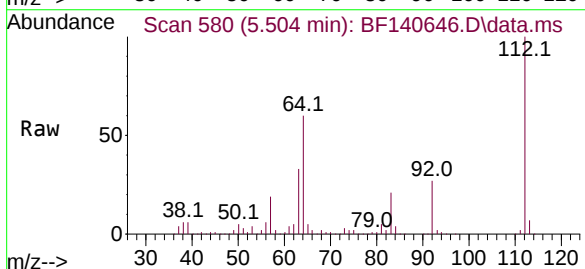
Instrument :
BNA_F
ClientSampleId :
MH-732

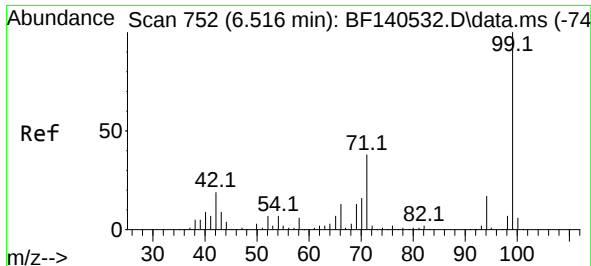
Tgt Ion:152 Resp: 61951
Ion Ratio Lower Upper
152 100
150 155.4 128.5 192.7
115 60.6 50.2 75.4



#5
2-Fluorophenol
Concen: 148.667 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

Tgt Ion:112 Resp: 539799
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 32.6 27.0 40.4

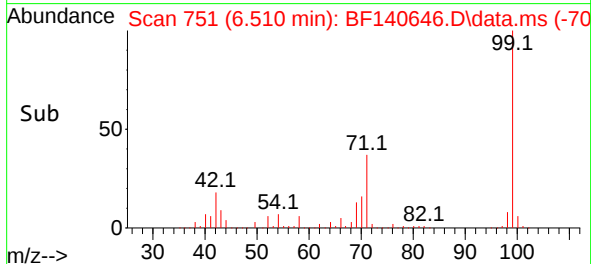
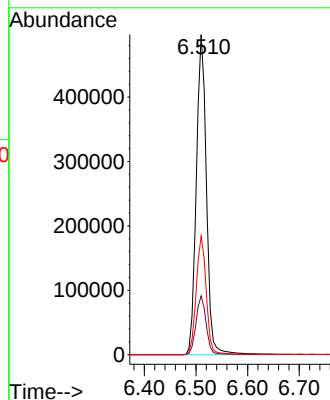
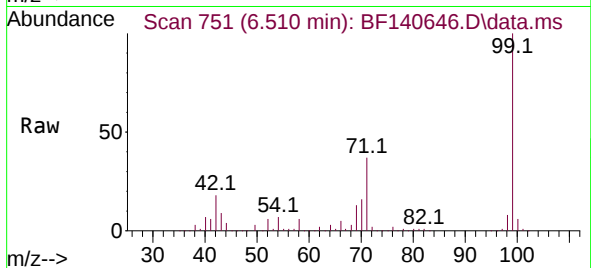




#7
Phenol-d6
Concen: 141.221 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

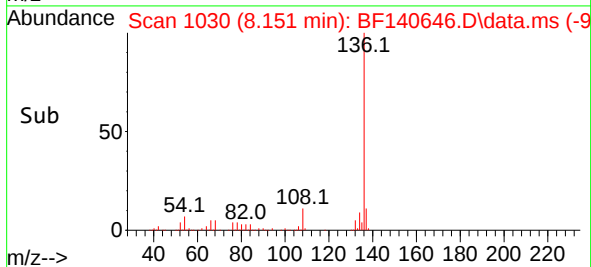
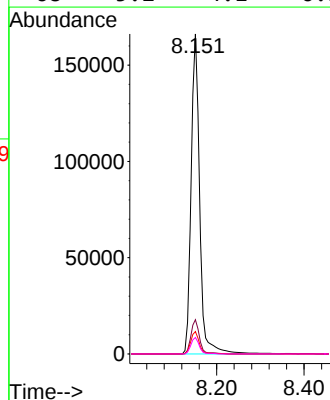
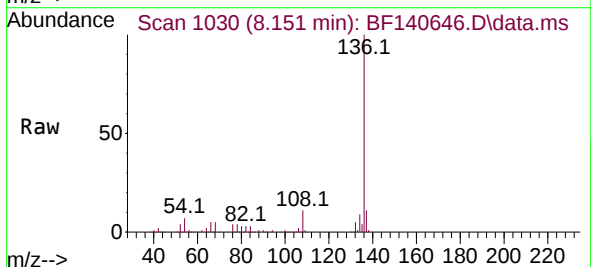
Instrument :
BNA_F
ClientSampleId :
MH-732

Tgt Ion: 99 Resp: 677882
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

Tgt Ion: 136 Resp: 224280
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.0 5.8 8.8
68 5.2 4.1 6.1

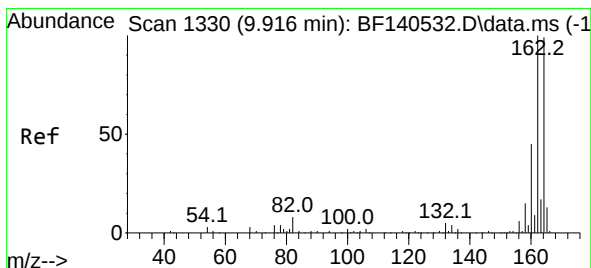
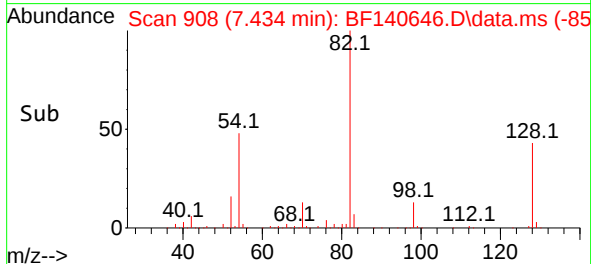
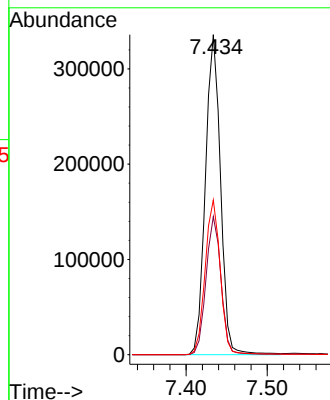
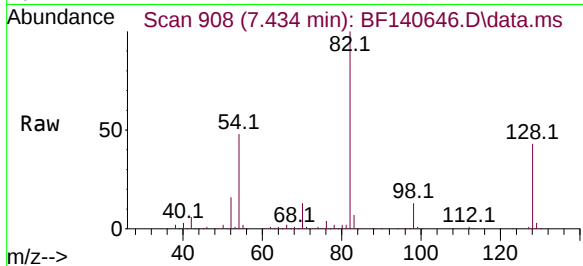




#23
 Nitrobenzene-d5
 Concen: 98.826 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140646.D
 Acq: 26 Nov 2024 17:07

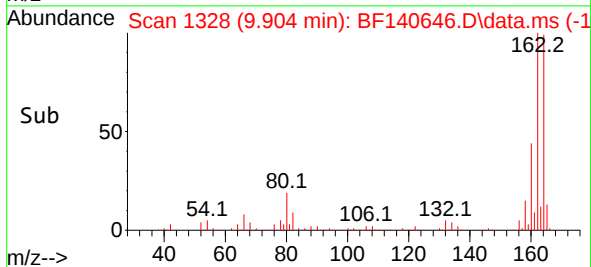
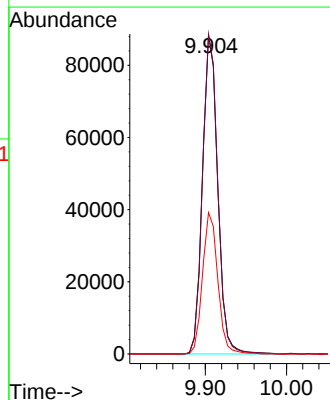
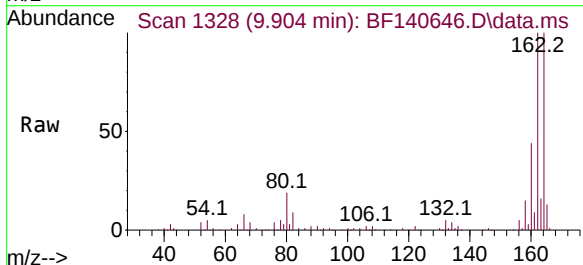
Instrument :
 BNA_F
 ClientSampleId :
 MH-732

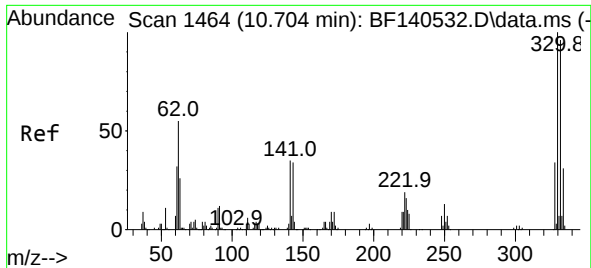
Tgt Ion: 82 Resp: 433323
 Ion Ratio Lower Upper
 82 100
 128 43.2 33.0 49.4
 54 48.4 39.5 59.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF140646.D
 Acq: 26 Nov 2024 17:07

Tgt Ion:164 Resp: 115420
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.6 120.8
 160 44.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 148.890 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140646.D

Acq: 26 Nov 2024 17:07

Instrument :

BNA_F

ClientSampleId :

MH-732

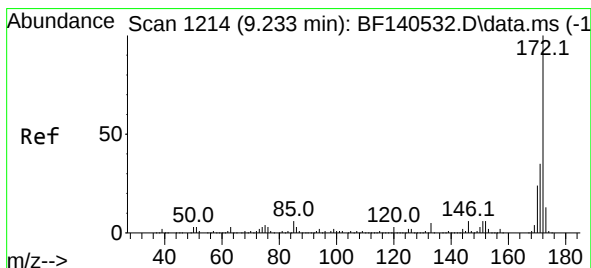
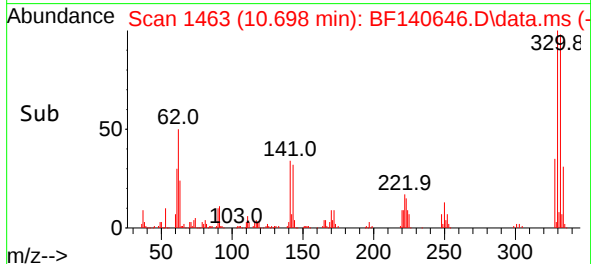
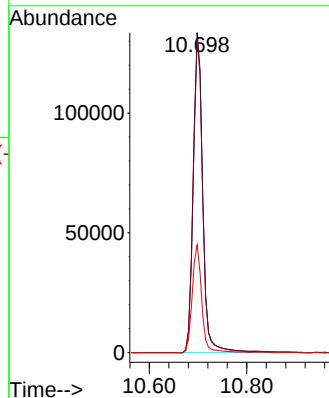
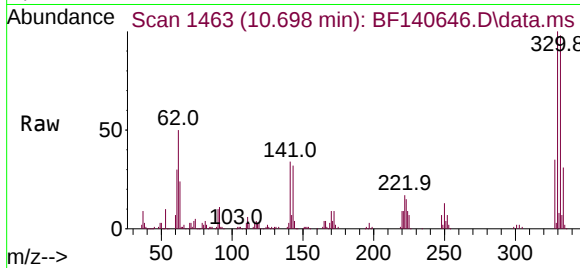
Tgt Ion:330 Resp: 183794

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 33.2 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 102.683 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140646.D

Acq: 26 Nov 2024 17:07

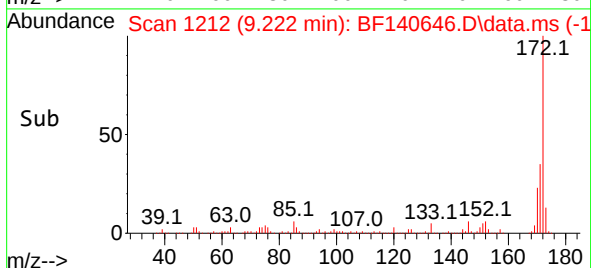
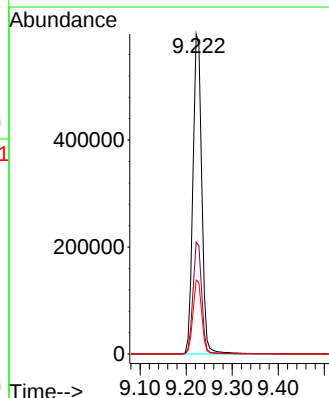
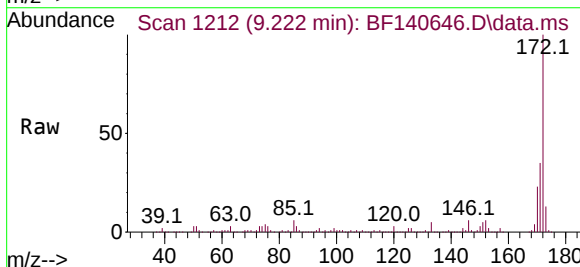
Tgt Ion:172 Resp: 795445

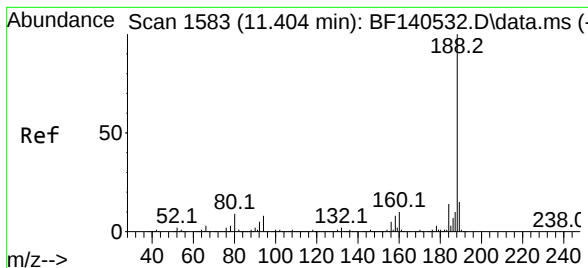
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.1 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140646.D

Acq: 26 Nov 2024 17:07

Instrument :

BNA_F

ClientSampleId :

MH-732

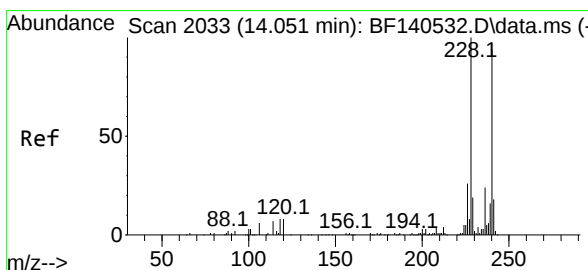
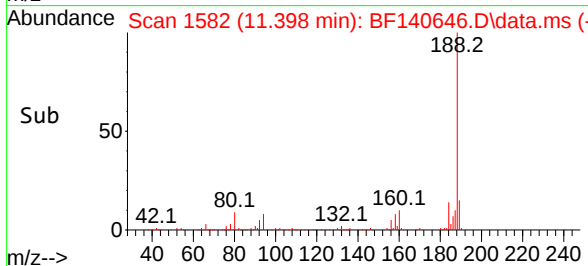
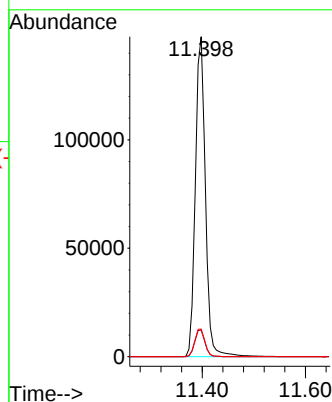
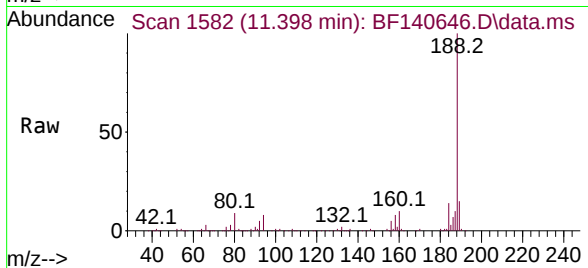
Tgt Ion:188 Resp: 199114

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 8.7 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140646.D

Acq: 26 Nov 2024 17:07

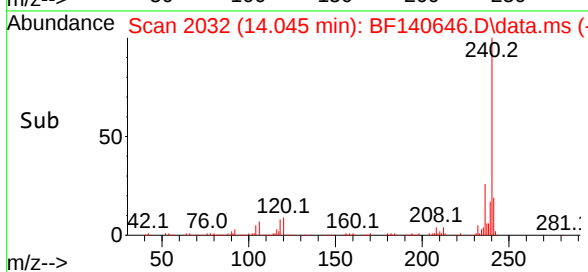
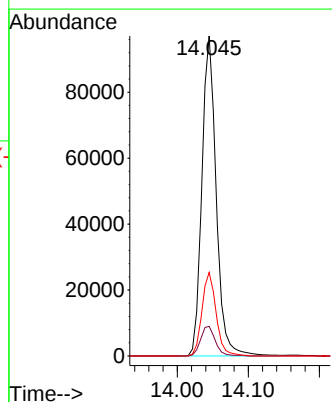
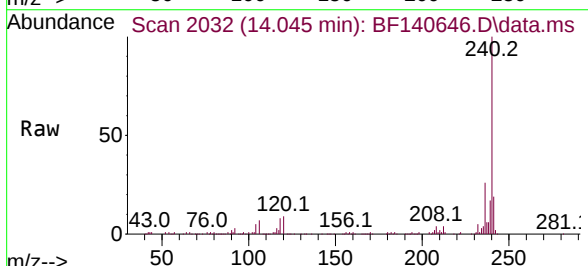
Tgt Ion:240 Resp: 136344

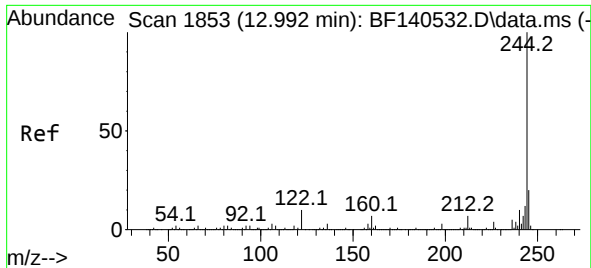
Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

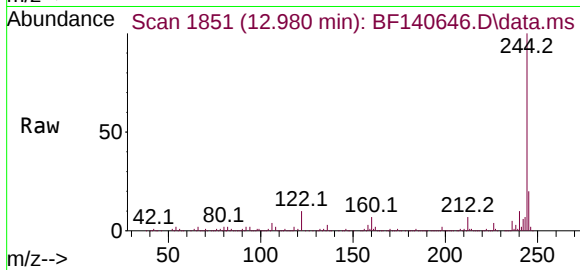
236 26.1 20.6 31.0



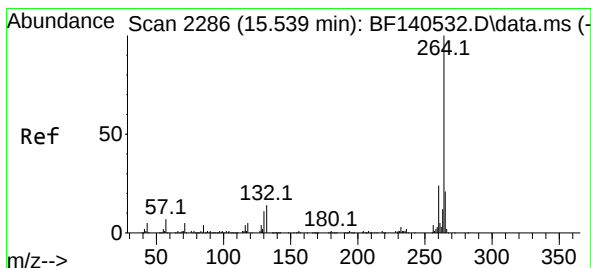
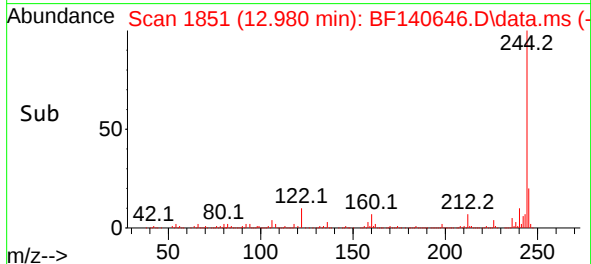
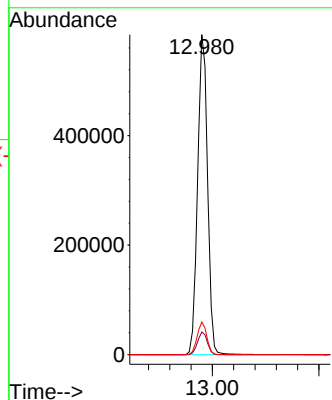


#79
 Terphenyl-d14
 Concen: 86.453 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140646.D
 Acq: 26 Nov 2024 17:07

Instrument :
 BNA_F
 ClientSampleId :
 MH-732



Tgt Ion:244 Resp: 756993
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: BF140646.D
 Acq: 26 Nov 2024 17:07

Tgt Ion:264 Resp: 115827
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 22.5 16.6 25.0

