

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140548.D
 Acq On : 21 Nov 2024 20:59
 Operator : RC/JU
 Sample : P4924-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

Quant Time: Nov 22 00:11:15 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	70571	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	263165	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	137861	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	242731	20.000	ng	0.00
76) Chrysene-d12	14.045	240	142773	20.000	ng	0.00
86) Perylene-d12	15.533	264	106164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	584039	141.204	ng	0.01
7) Phenol-d6	6.510	99	736696	134.727	ng	0.00
23) Nitrobenzene-d5	7.428	82	505977	98.345	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	214153	145.244	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	941160	101.717	ng	-0.01
79) Terphenyl-d14	12.986	244	892206	97.307	ng	0.00

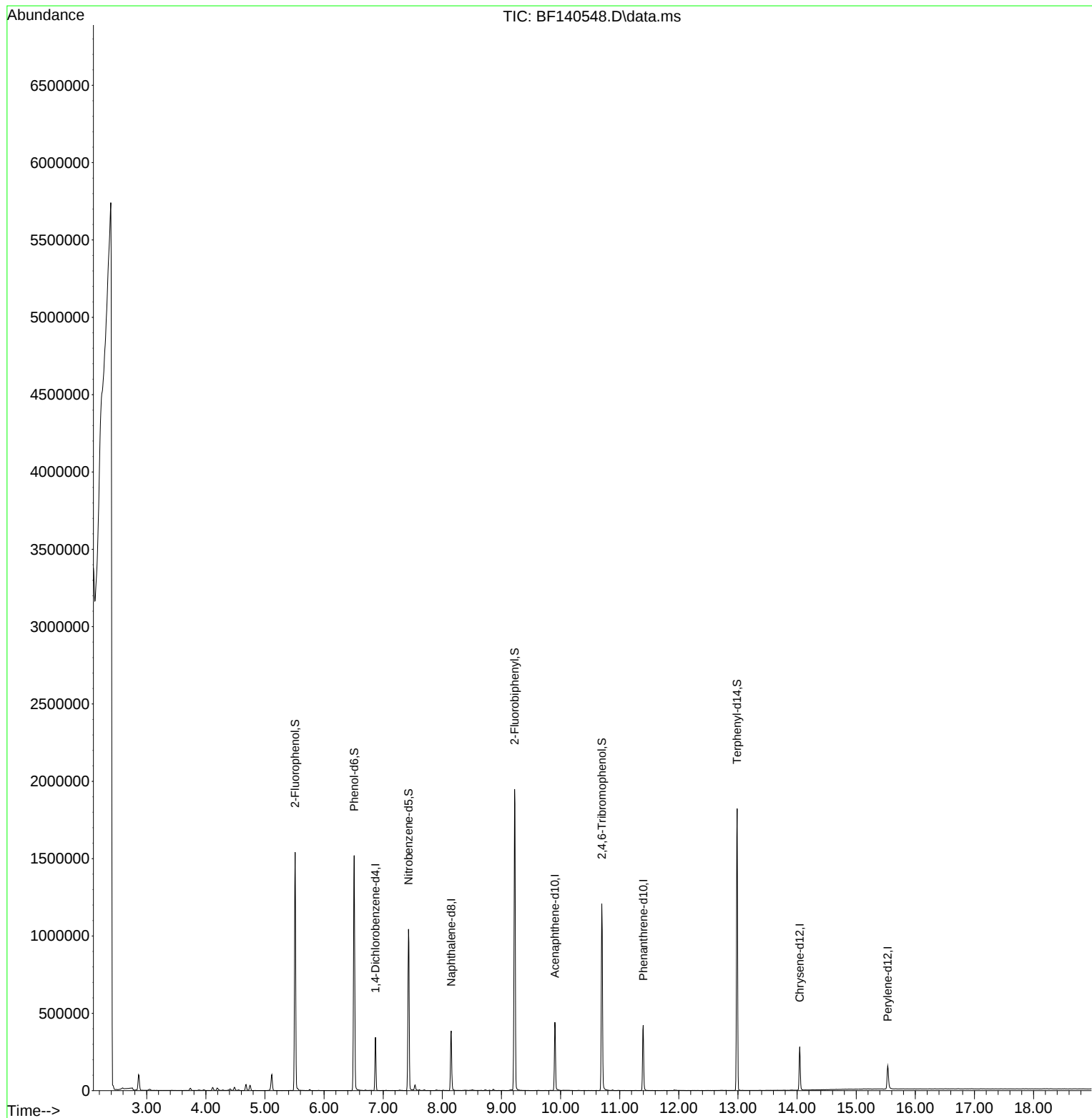
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140548.D
Acq On : 21 Nov 2024 20:59
Operator : RC/JU
Sample : P4924-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

Quant Time: Nov 22 00:11:15 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

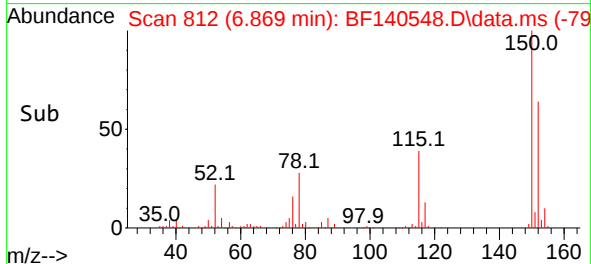
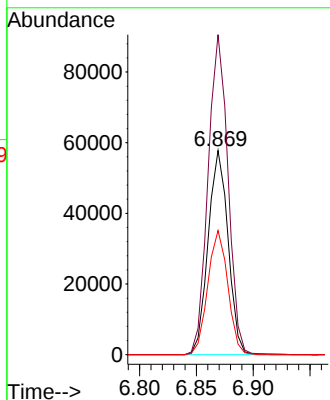
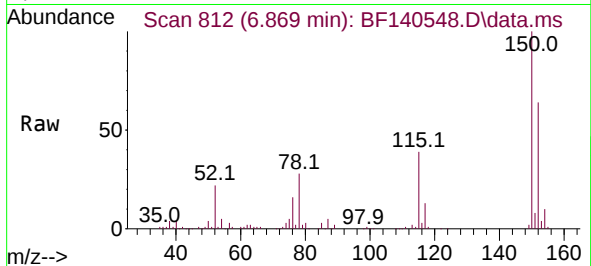




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

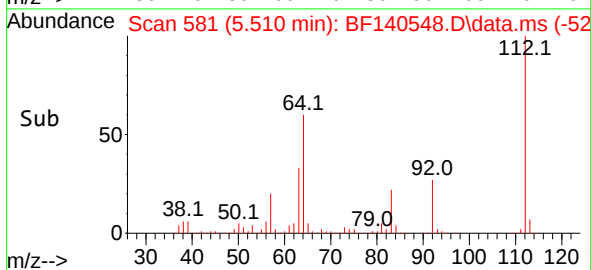
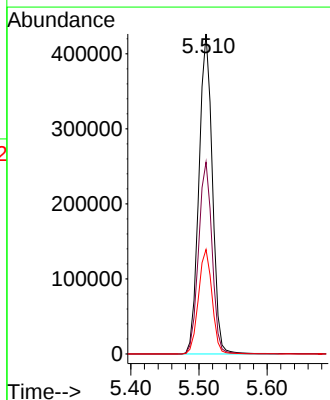
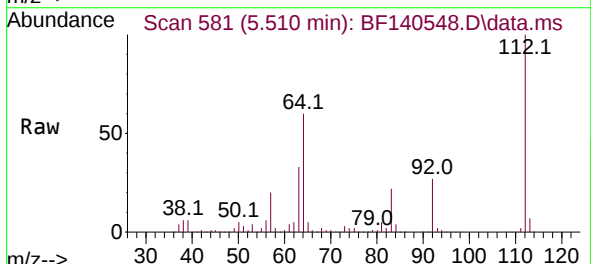
Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:152 Resp: 70571
Ion Ratio Lower Upper
152 100
150 156.8 128.5 192.7
115 60.9 50.2 75.4



#5
2-Fluorophenol
Concen: 141.204 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

Tgt Ion:112 Resp: 584039
Ion Ratio Lower Upper
112 100
64 60.0 49.2 73.8
63 32.7 27.0 40.4

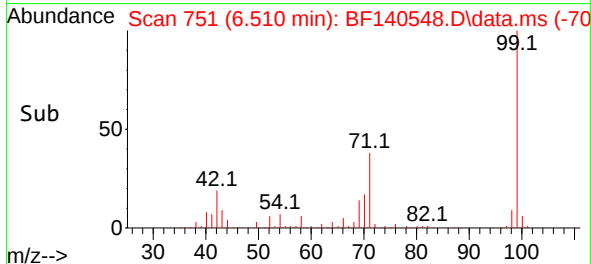
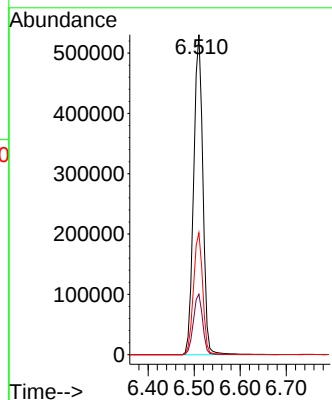
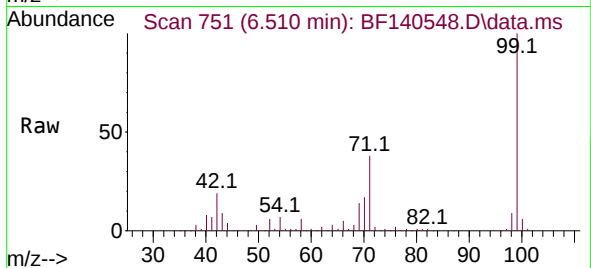




#7
Phenol-d6
Concen: 134.727 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

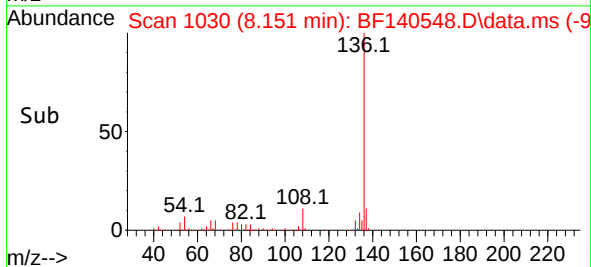
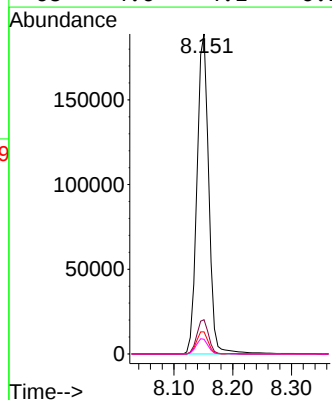
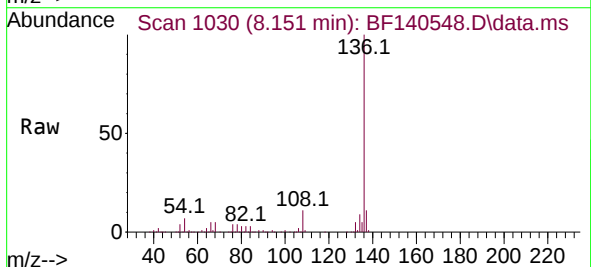
Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion: 99 Resp: 736696
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 38.1 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: BF140548.D
Acq: 21 Nov 2024 20:59

Tgt Ion: 136 Resp: 263165
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.9 5.8 8.8
68 4.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 98.345 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140548.D

Acq: 21 Nov 2024 20:59

Instrument :

BNA_F

ClientSampleId :

MH-4

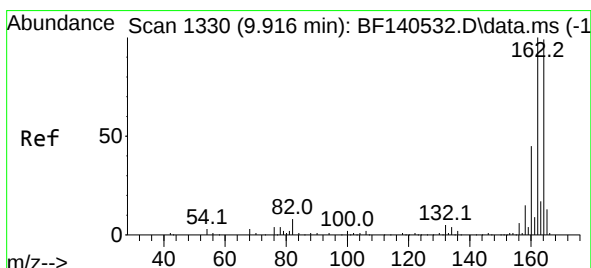
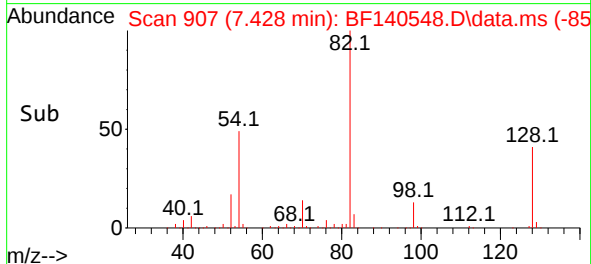
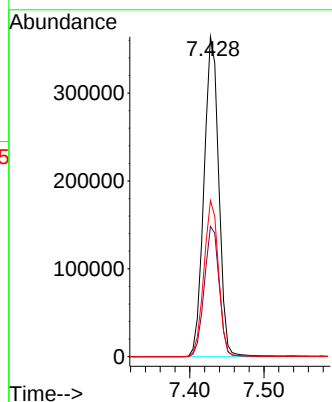
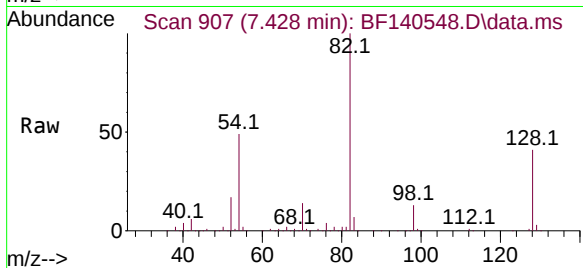
Tgt Ion: 82 Resp: 505977

Ion Ratio Lower Upper

82 100

128 40.7 33.0 49.4

54 48.8 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: BF140548.D

Acq: 21 Nov 2024 20:59

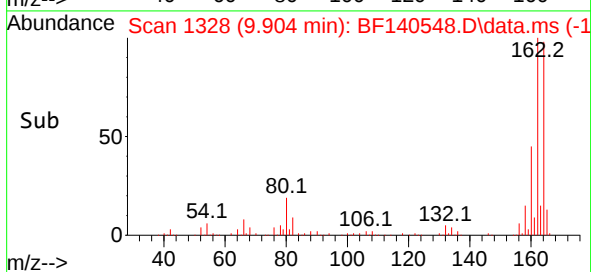
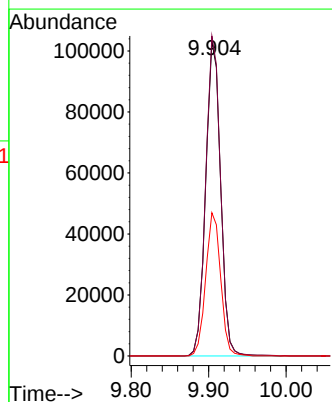
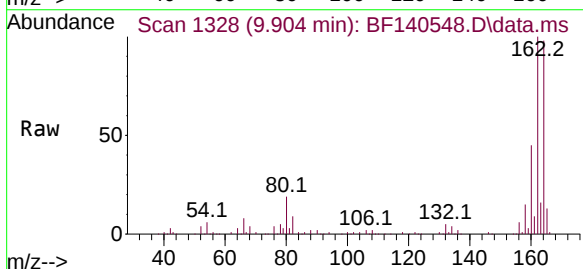
Tgt Ion:164 Resp: 137861

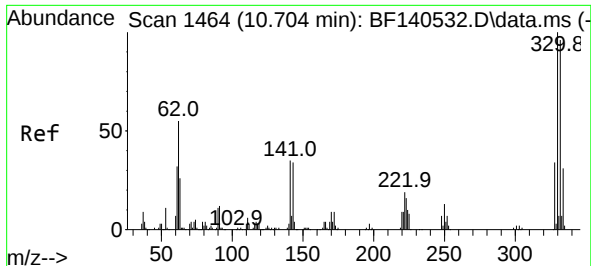
Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

160 45.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 145.244 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140548.D

Acq: 21 Nov 2024 20:59

Instrument :

BNA_F

ClientSampleId :

MH-4

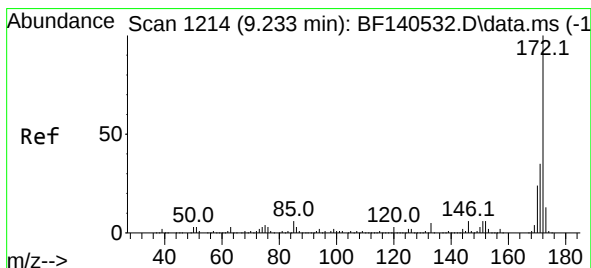
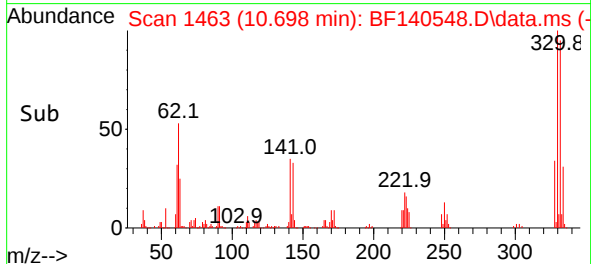
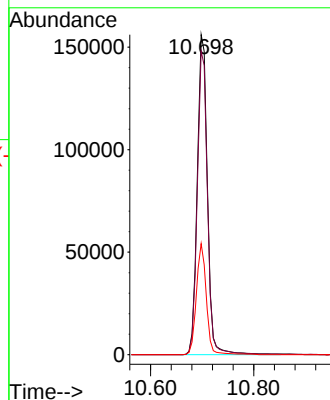
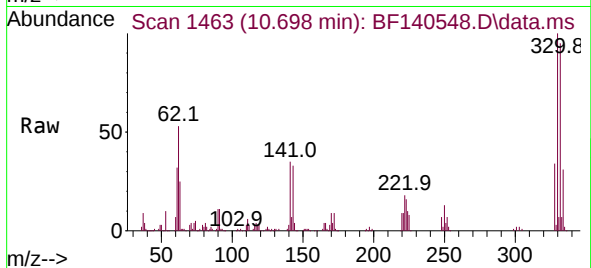
Tgt Ion:330 Resp: 214153

Ion Ratio Lower Upper

330 100

332 94.4 76.9 115.3

141 33.9 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 101.717 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140548.D

Acq: 21 Nov 2024 20:59

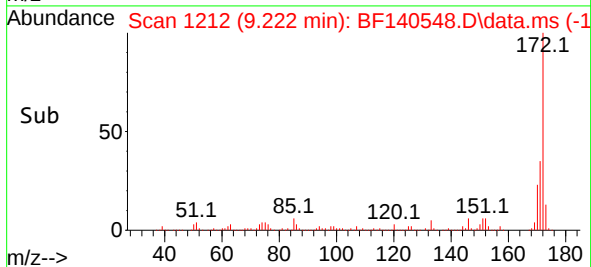
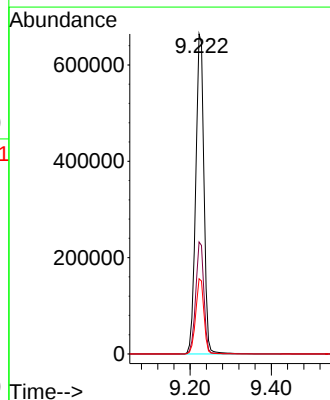
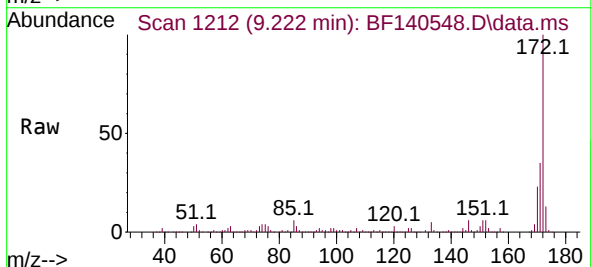
Tgt Ion:172 Resp: 941160

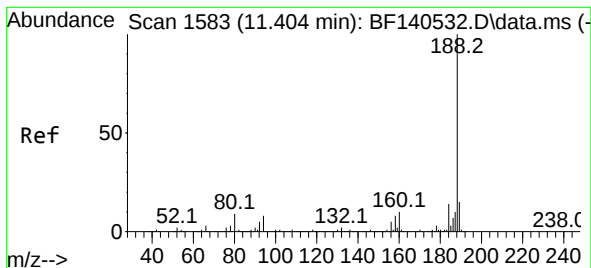
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.5 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: BF140548.D

Acq: 21 Nov 2024 20:59

Instrument :

BNA_F

ClientSampleId :

MH-4

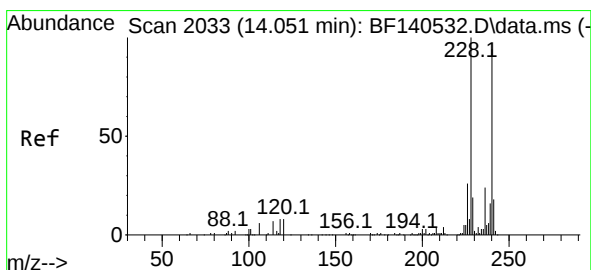
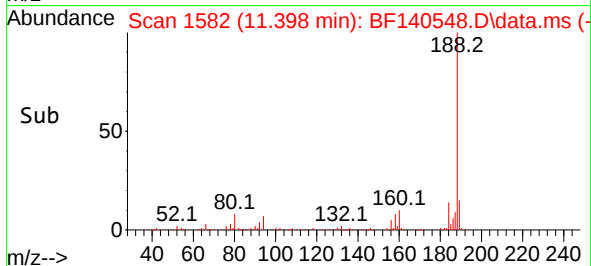
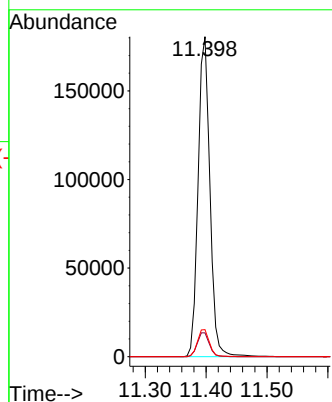
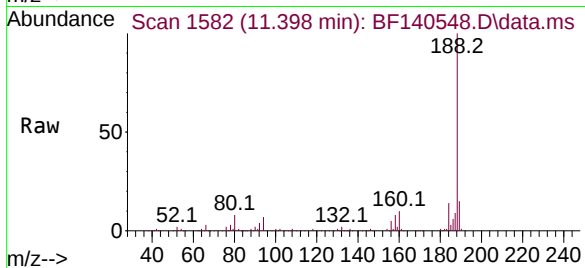
Tgt Ion:188 Resp: 242731

Ion Ratio Lower Upper

188 100

94 7.5 6.4 9.6

80 8.5 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: BF140548.D

Acq: 21 Nov 2024 20:59

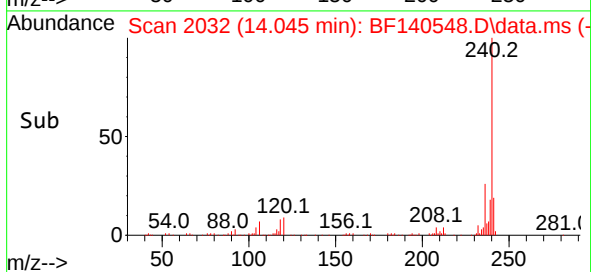
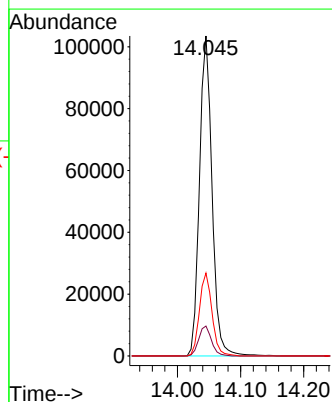
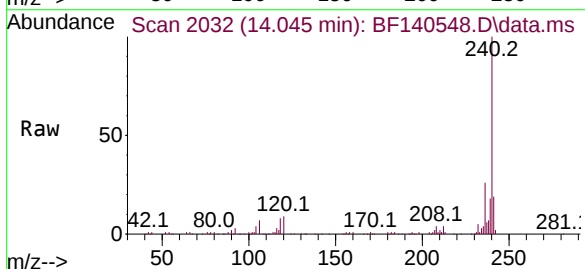
Tgt Ion:240 Resp: 142773

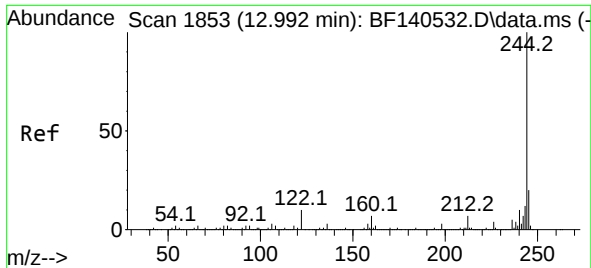
Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

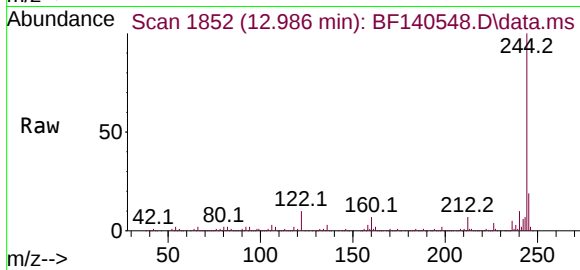
236 25.9 20.6 31.0



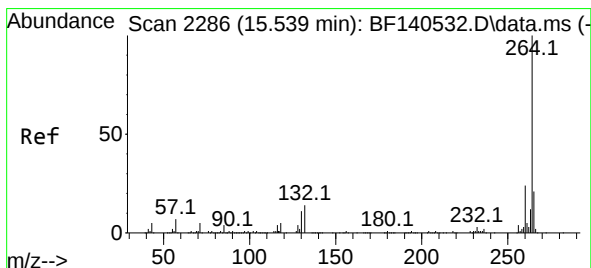
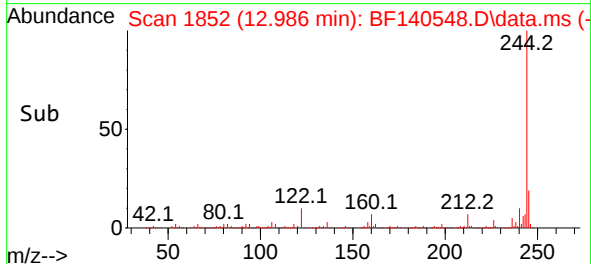
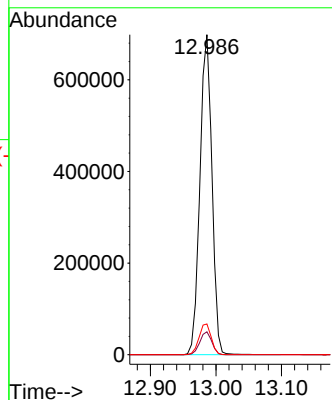


#79
 Terphenyl-d14
 Concen: 97.307 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140548.D
 Acq: 21 Nov 2024 20:59

Instrument :
 BNA_F
 ClientSampleId :
 MH-4



Tgt Ion:244 Resp: 892206
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF140548.D
 Acq: 21 Nov 2024 20:59

Tgt Ion:264 Resp: 106164
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.3 16.6 25.0

