

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140882.D
 Acq On : 17 Dec 2024 13:53
 Operator : RC/JU
 Sample : P5239-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Dec 17 14:15:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	50405	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	184737	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	99355	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	194261	20.000	ng	0.00
76) Chrysene-d12	14.021	240	150309	20.000	ng	-0.01
86) Perylene-d12	15.509	264	161903	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	260963	85.228	ng	0.00
7) Phenol-d6	6.492	99	346512	85.441	ng	0.00
23) Nitrobenzene-d5	7.410	82	217854	59.000	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	106734	90.831	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	431625	59.727	ng	0.00
79) Terphenyl-d14	12.951	244	474577	49.787	ng	0.00

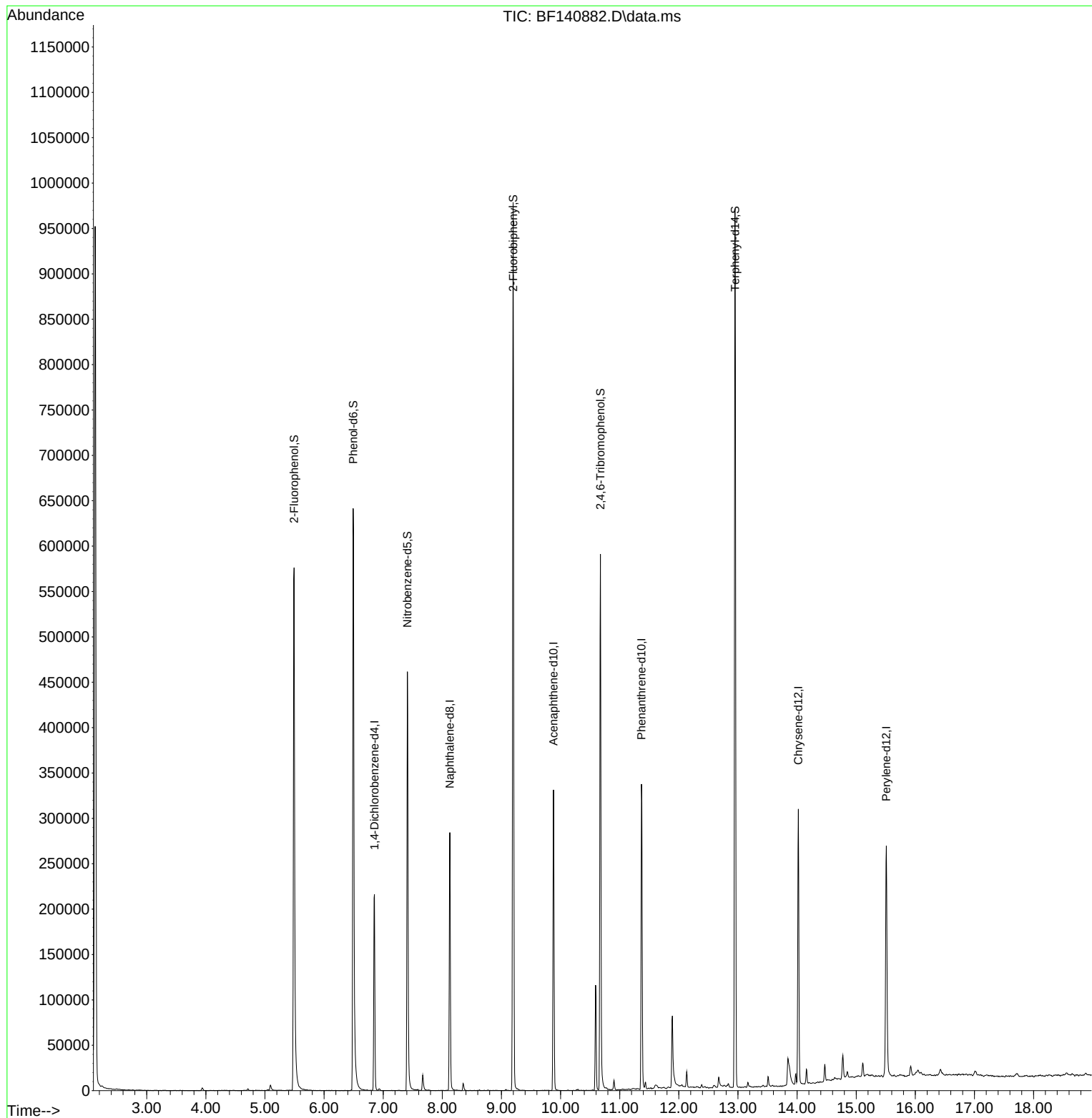
Target Compounds	Qvalue

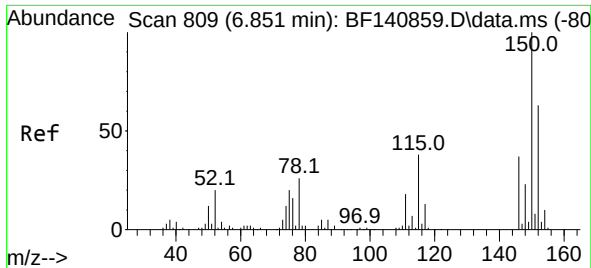
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140882.D
Acq On : 17 Dec 2024 13:53
Operator : RC/JU
Sample : P5239-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Time: Dec 17 14:15:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

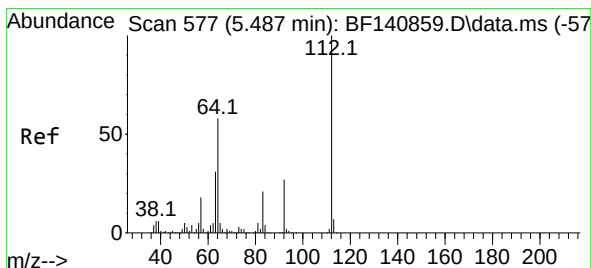
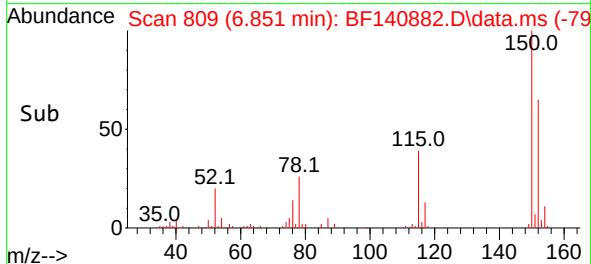
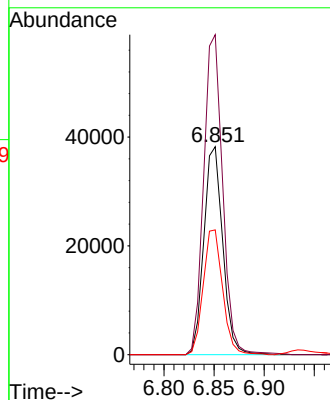
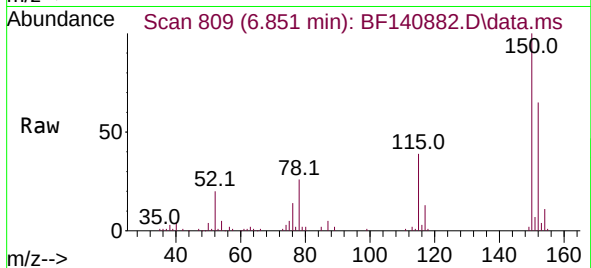




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BF140882.D
 Acq: 17 Dec 2024 13:53

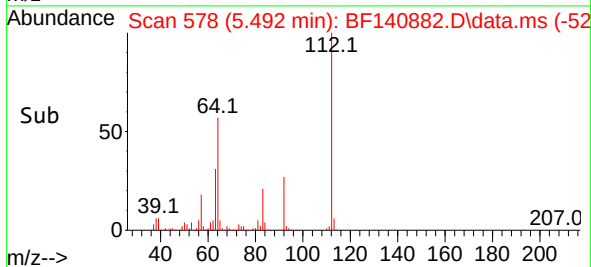
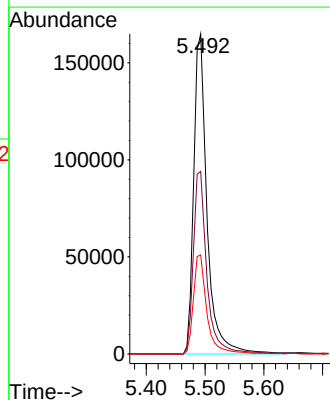
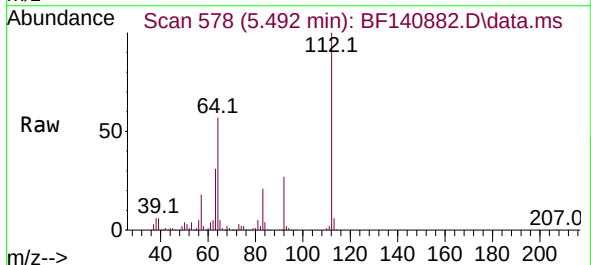
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

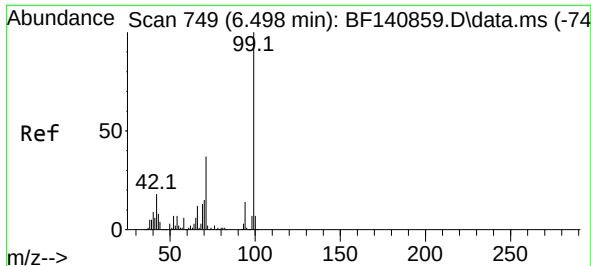
Tgt Ion:152 Resp: 50405
 Ion Ratio Lower Upper
 152 100
 150 153.8 127.9 191.9
 115 60.0 48.0 72.0



#5
 2-Fluorophenol
 Concen: 85.228 ng
 RT: 5.492 min Scan# 578
 Delta R.T. 0.006 min
 Lab File: BF140882.D
 Acq: 17 Dec 2024 13:53

Tgt Ion:112 Resp: 260963
 Ion Ratio Lower Upper
 112 100
 64 57.1 46.1 69.1
 63 30.9 24.9 37.3

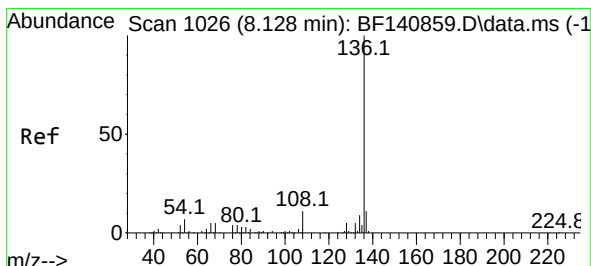
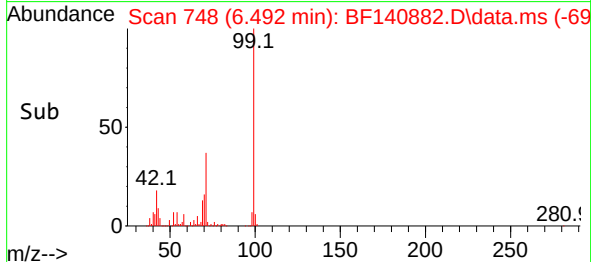
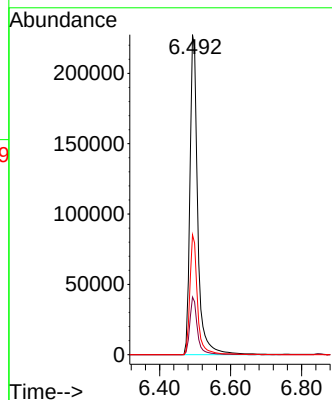
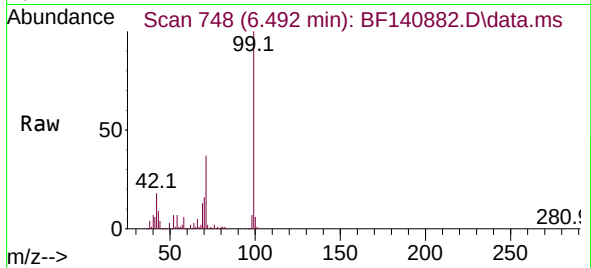




#7
Phenol-d6
Concen: 85.441 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140882.D
Acq: 17 Dec 2024 13:53

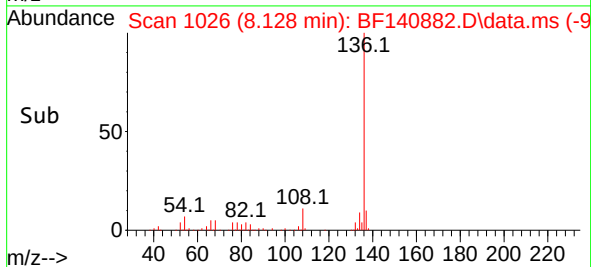
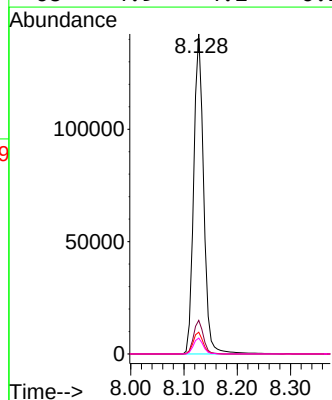
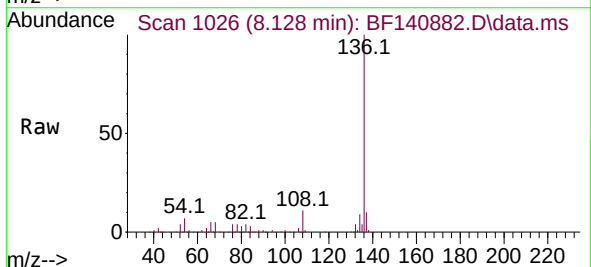
Instrument :
BNA_F
ClientSampleId :
WC-1

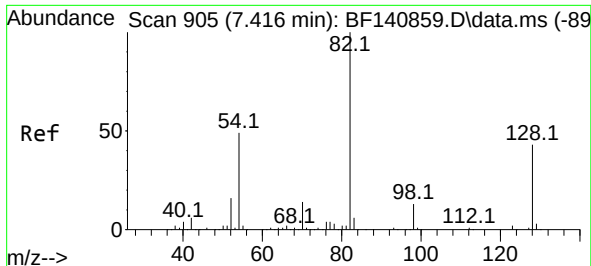
Tgt Ion: 99 Resp: 346512
Ion Ratio Lower Upper
99 100
42 18.0 14.3 21.5
71 37.4 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140882.D
Acq: 17 Dec 2024 13:53

Tgt Ion: 136 Resp: 184737
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 6.8 5.6 8.4
68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 59.000 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF140882.D

Acq: 17 Dec 2024 13:53

Instrument :

BNA_F

ClientSampleId :

WC-1

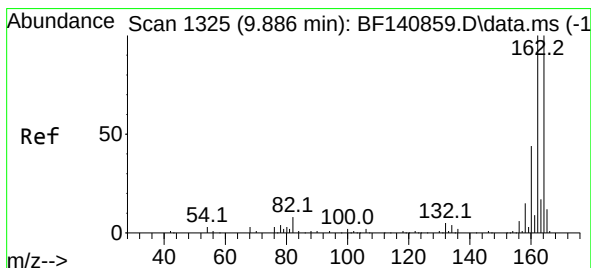
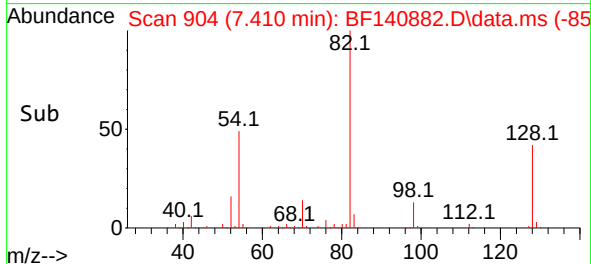
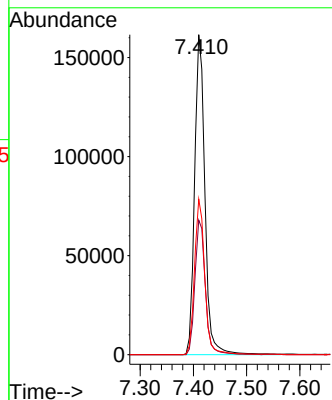
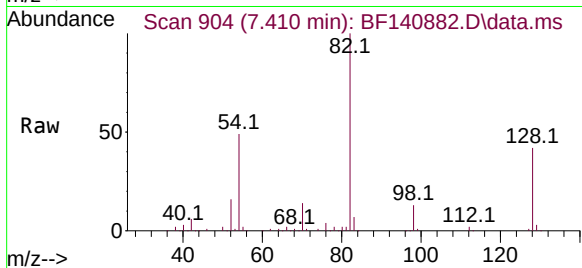
Tgt Ion: 82 Resp: 217854

Ion Ratio Lower Upper

82 100

128 42.0 34.4 51.6

54 48.6 38.8 58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF140882.D

Acq: 17 Dec 2024 13:53

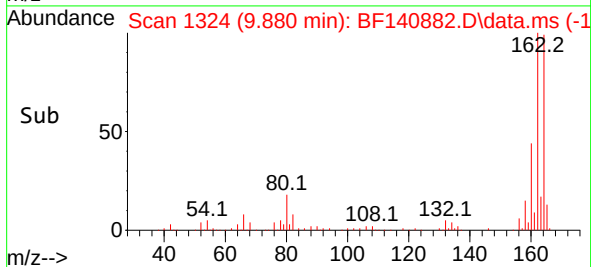
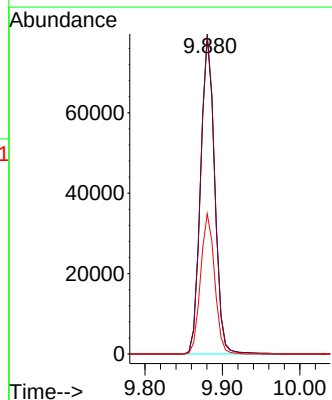
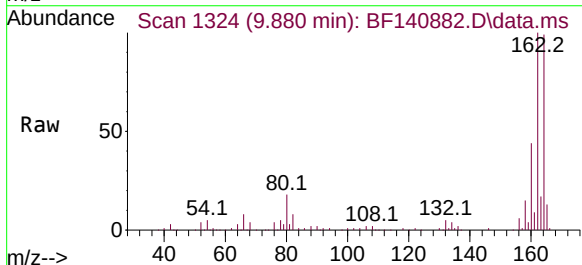
Tgt Ion:164 Resp: 99355

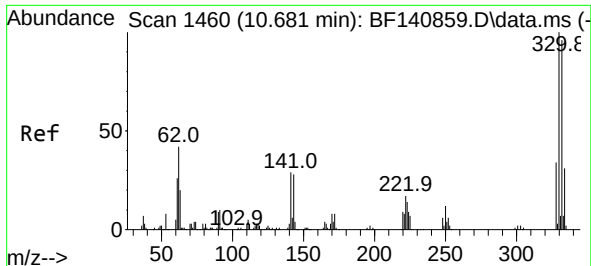
Ion Ratio Lower Upper

164 100

162 100.8 79.9 119.9

160 44.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 90.831 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF140882.D

Acq: 17 Dec 2024 13:53

Instrument :

BNA_F

ClientSampleId :

WC-1

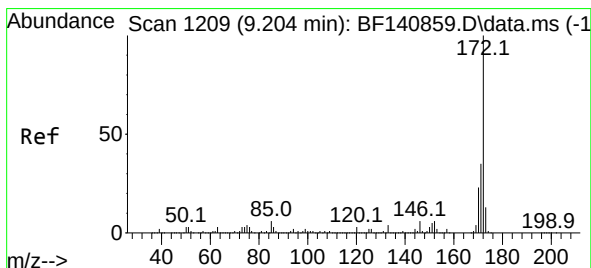
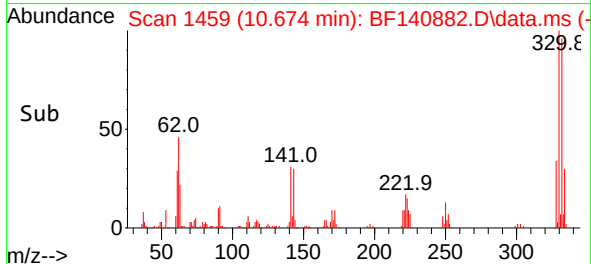
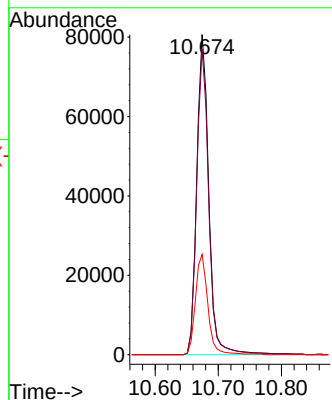
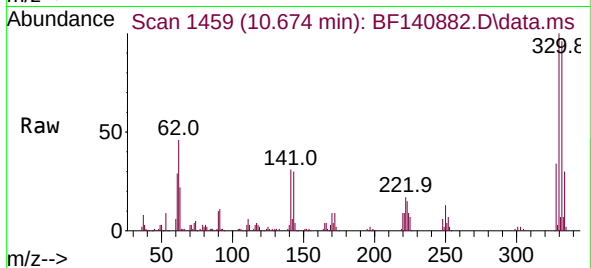
Tgt Ion:330 Resp: 106734

Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

141 32.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 59.727 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140882.D

Acq: 17 Dec 2024 13:53

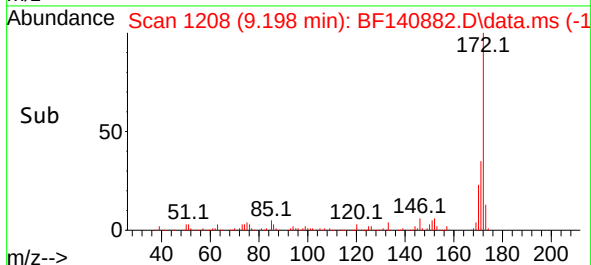
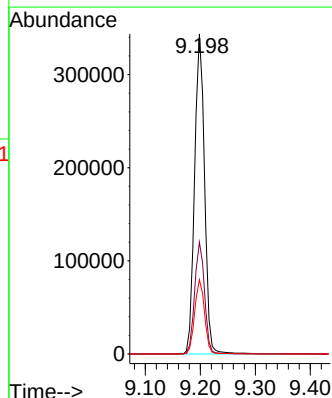
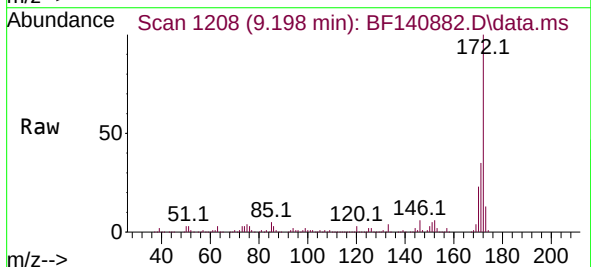
Tgt Ion:172 Resp: 431625

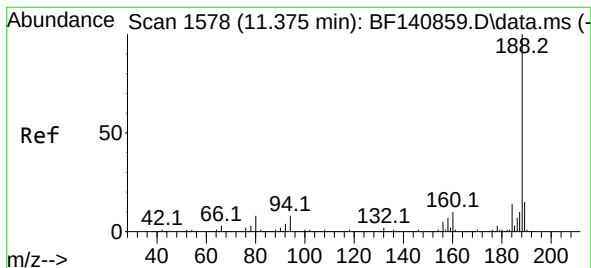
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140882.D

Acq: 17 Dec 2024 13:53

Instrument :

BNA_F

ClientSampleId :

WC-1

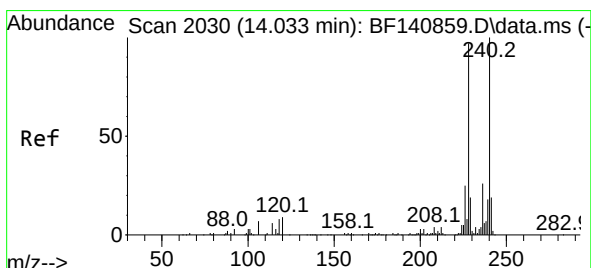
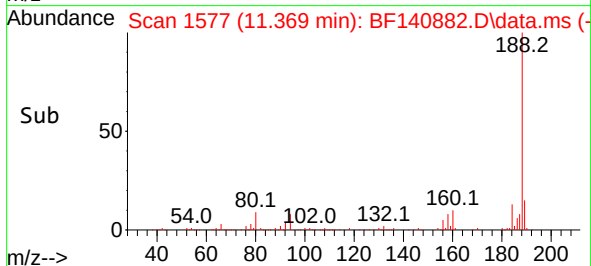
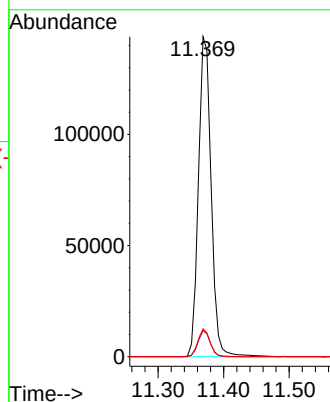
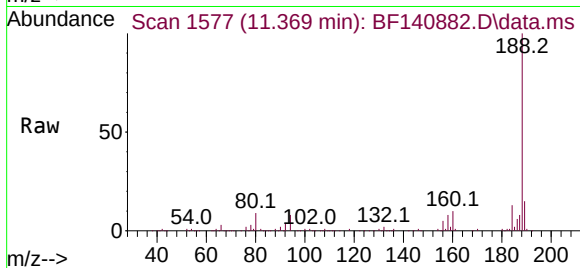
Tgt Ion:188 Resp: 194261

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.7 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF140882.D

Acq: 17 Dec 2024 13:53

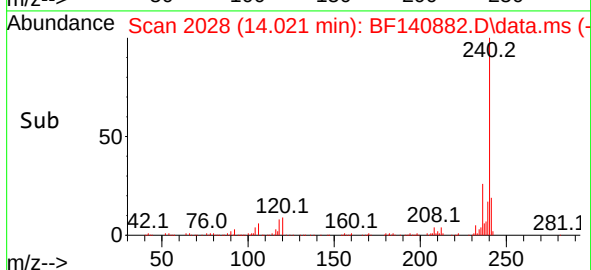
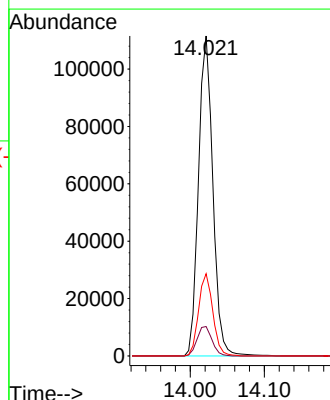
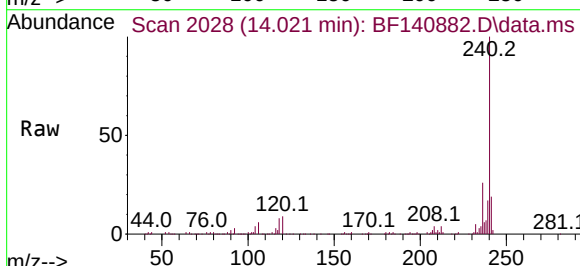
Tgt Ion:240 Resp: 150309

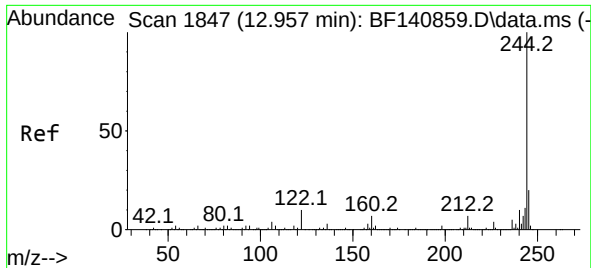
Ion Ratio Lower Upper

240 100

120 9.2 7.6 11.4

236 25.7 20.5 30.7

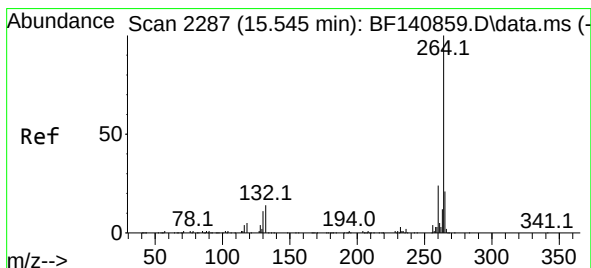
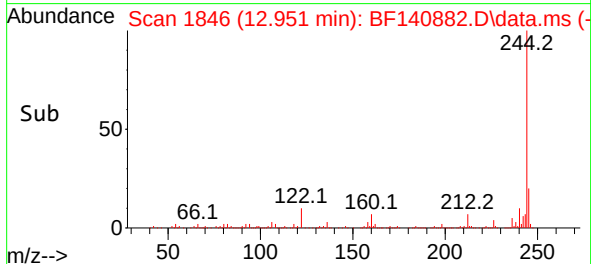
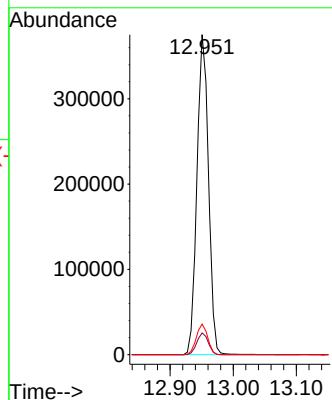
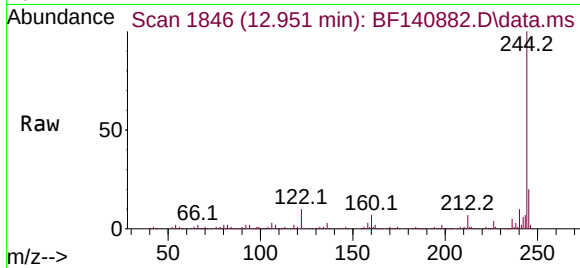




#79
 Terphenyl-d14
 Concen: 49.787 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF140882.D
 Acq: 17 Dec 2024 13:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 474577
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.5 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. -0.035 min
 Lab File: BF140882.D
 Acq: 17 Dec 2024 13:53

Tgt Ion:264 Resp: 161903
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.9 17.0 25.4

