

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140878.D
 Acq On : 17 Dec 2024 12:08
 Operator : RC/JU
 Sample : P5239-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Dec 17 12:47:07 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	50799	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	178030	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	98749	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	182242	20.000	ng	0.00
76) Chrysene-d12	14.021	240	134703	20.000	ng	-0.01
86) Perylene-d12	15.504	264	134932	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	408461	132.365	ng	0.01
7) Phenol-d6	6.498	99	497781	121.789	ng	0.00
23) Nitrobenzene-d5	7.416	82	342555	96.267	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	172474	147.676	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	689627	96.015	ng	0.00
79) Terphenyl-d14	12.957	244	794468	93.002	ng	0.00

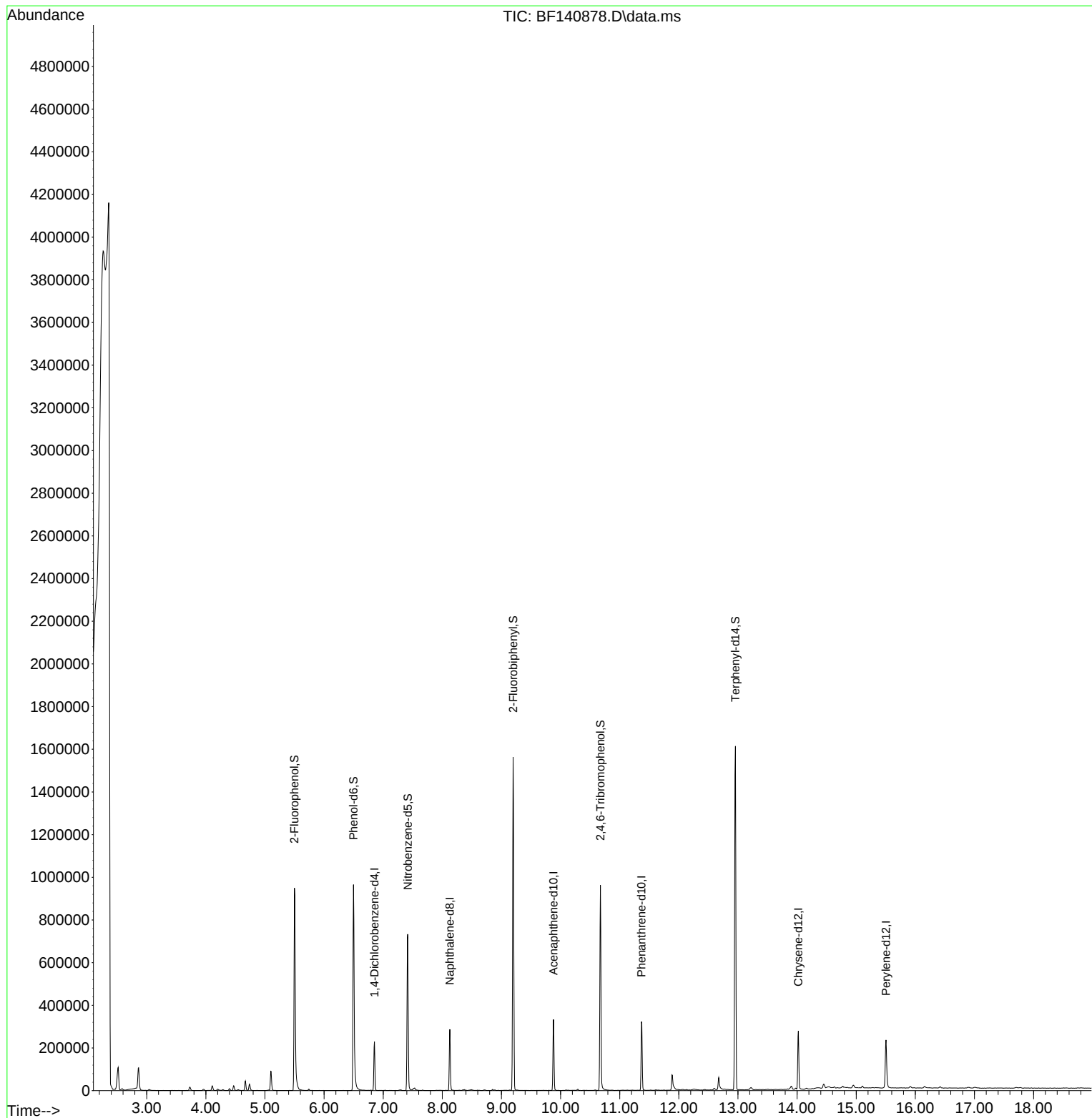
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140878.D
Acq On : 17 Dec 2024 12:08
Operator : RC/JU
Sample : P5239-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Time: Dec 17 12:47:07 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

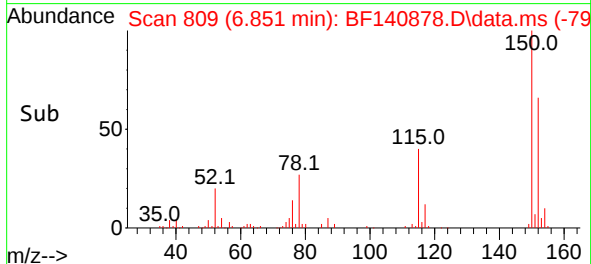
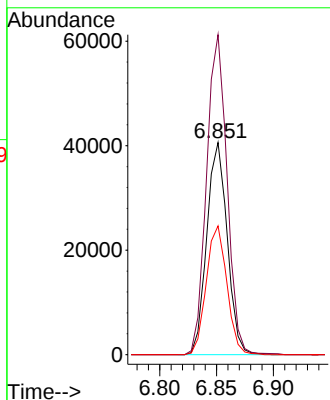
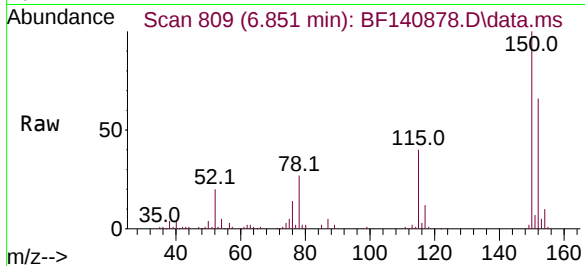




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BF140878.D
 Acq: 17 Dec 2024 12:08

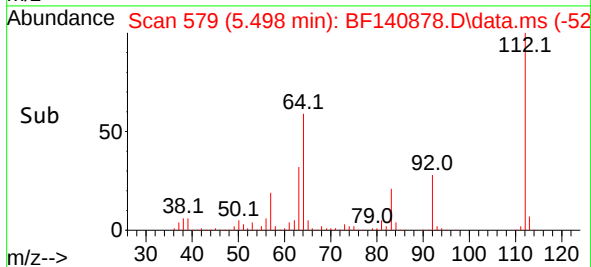
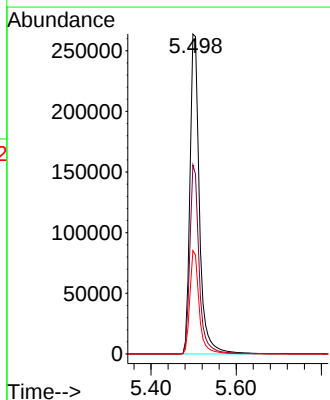
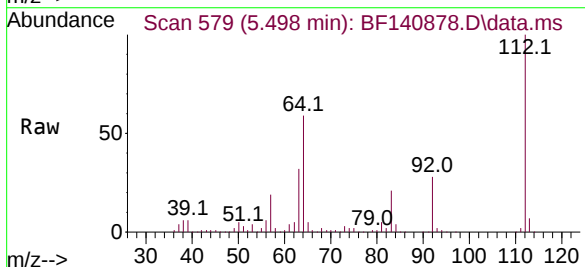
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

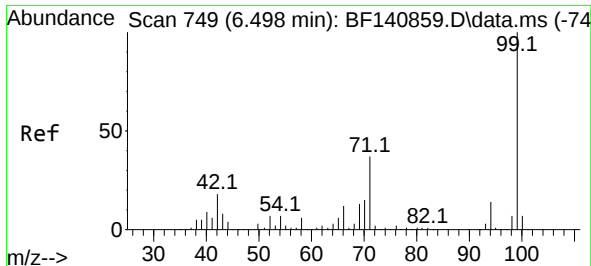
Tgt Ion:152 Resp: 50799
 Ion Ratio Lower Upper
 152 100
 150 150.8 127.9 191.9
 115 60.7 48.0 72.0



#5
 2-Fluorophenol
 Concen: 132.365 ng
 RT: 5.498 min Scan# 579
 Delta R.T. 0.012 min
 Lab File: BF140878.D
 Acq: 17 Dec 2024 12:08

Tgt Ion:112 Resp: 408461
 Ion Ratio Lower Upper
 112 100
 64 59.1 46.1 69.1
 63 32.3 24.9 37.3

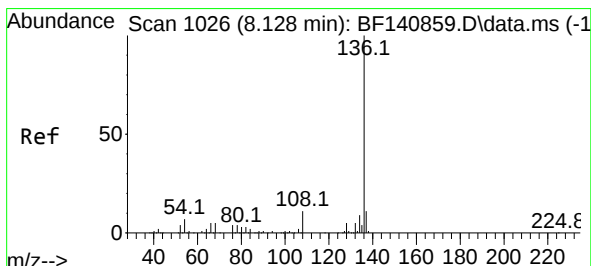
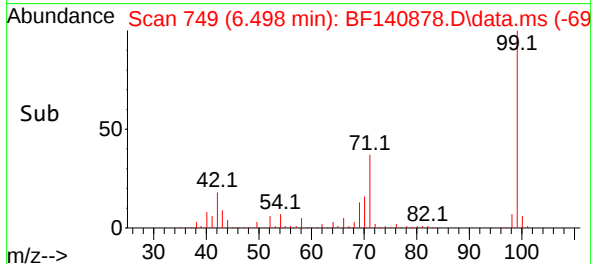
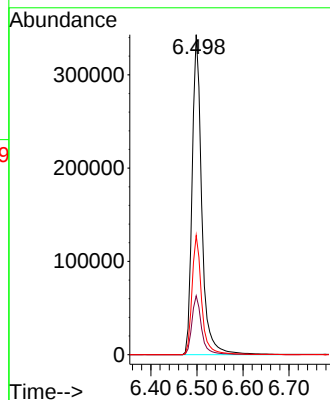
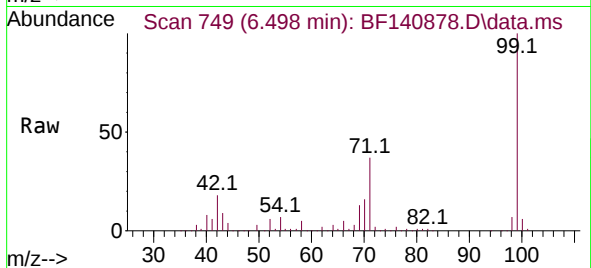




#7
Phenol-d6
Concen: 121.789 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140878.D
Acq: 17 Dec 2024 12:08

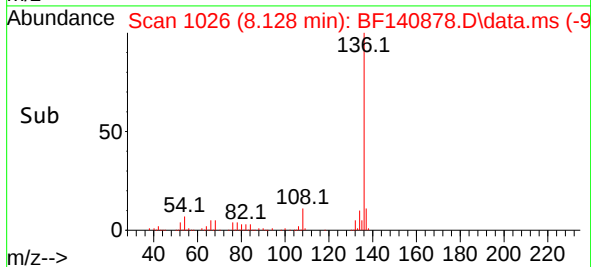
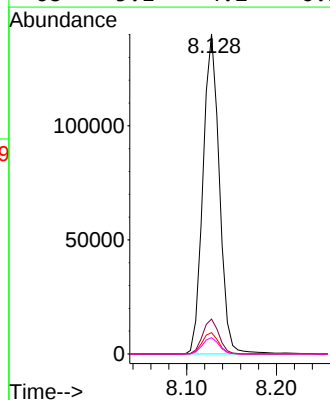
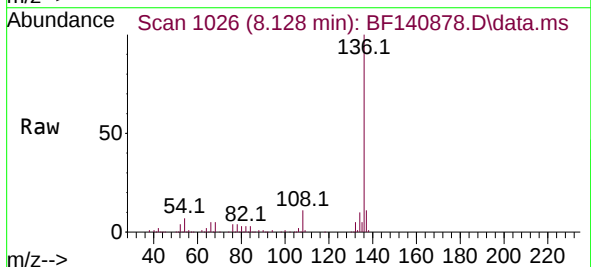
Instrument :
BNA_F
ClientSampleId :
WC-1

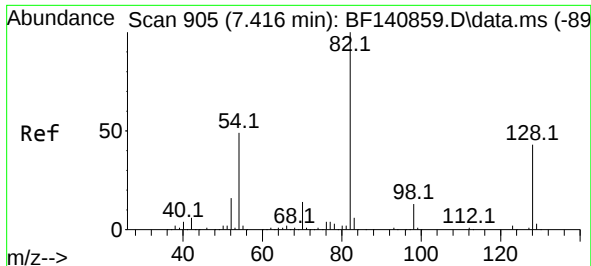
Tgt Ion: 99 Resp: 497781
Ion Ratio Lower Upper
99 100
42 18.4 14.3 21.5
71 37.3 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140878.D
Acq: 17 Dec 2024 12:08

Tgt Ion: 136 Resp: 178030
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.7 5.6 8.4
68 5.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 96.267 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140878.D

Acq: 17 Dec 2024 12:08

Instrument :

BNA_F

ClientSampleId :

WC-1

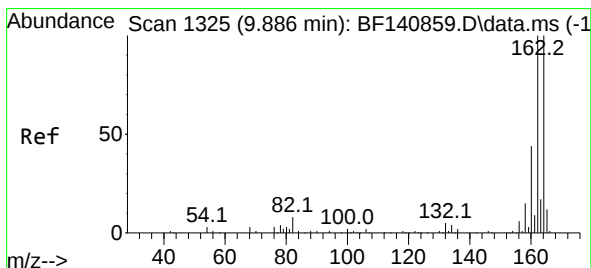
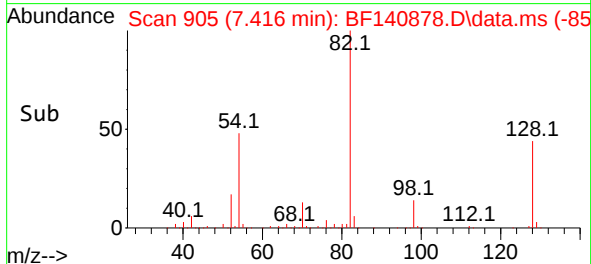
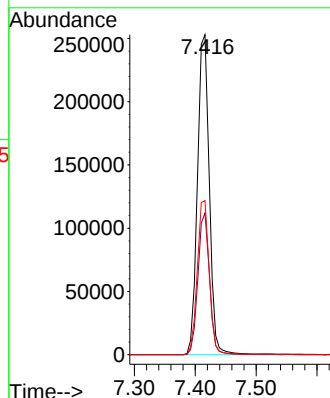
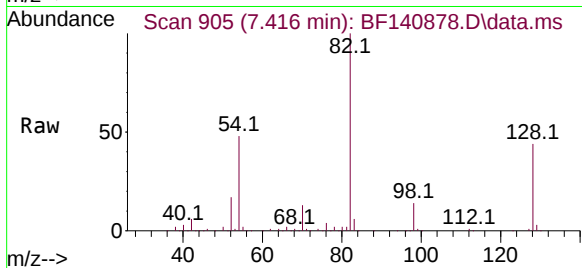
Tgt Ion: 82 Resp: 342555

Ion Ratio Lower Upper

82 100

128 44.3 34.4 51.6

54 48.2 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: BF140878.D

Acq: 17 Dec 2024 12:08

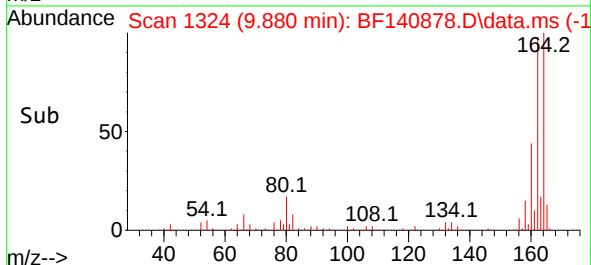
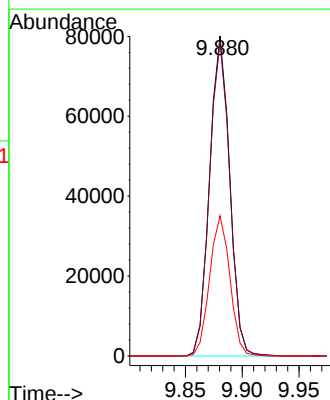
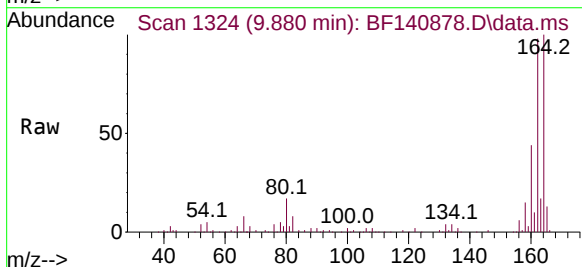
Tgt Ion:164 Resp: 98749

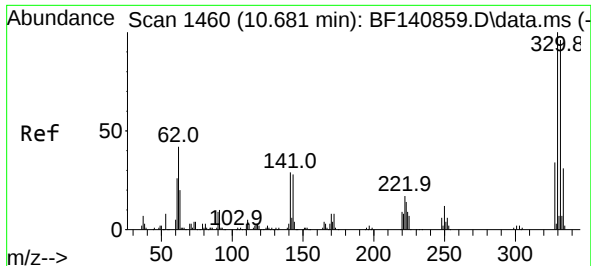
Ion Ratio Lower Upper

164 100

162 98.0 79.9 119.9

160 43.8 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 147.676 ng

RT: 10.675 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF140878.D

Acq: 17 Dec 2024 12:08

Instrument :

BNA_F

ClientSampleId :

WC-1

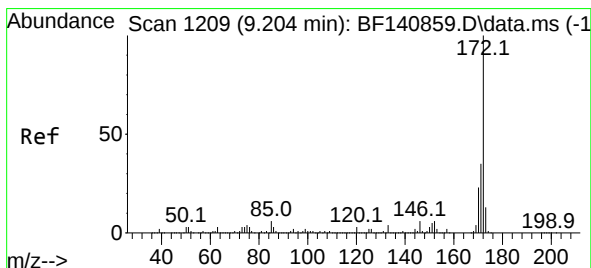
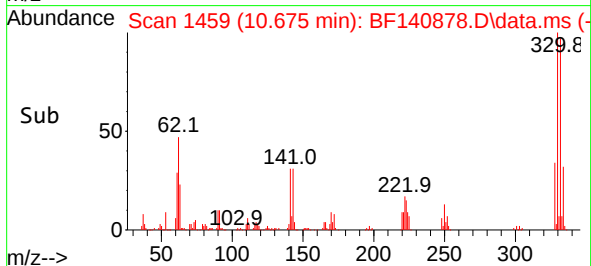
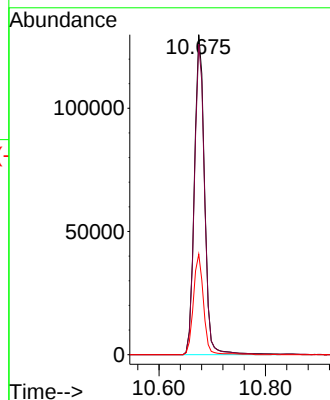
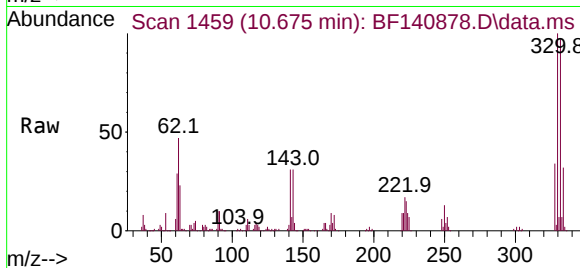
Tgt Ion:330 Resp: 172474

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 31.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 96.015 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140878.D

Acq: 17 Dec 2024 12:08

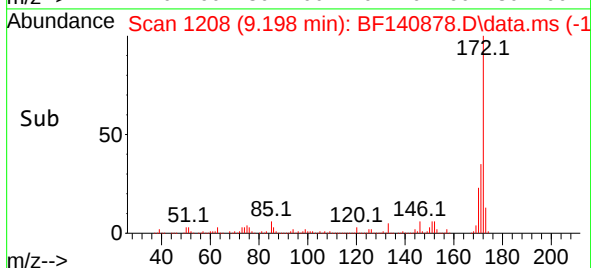
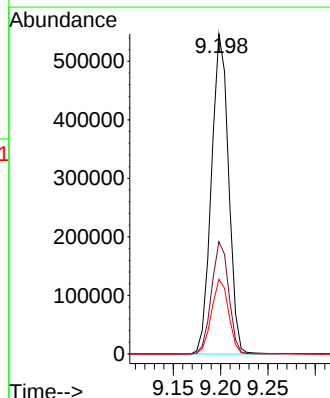
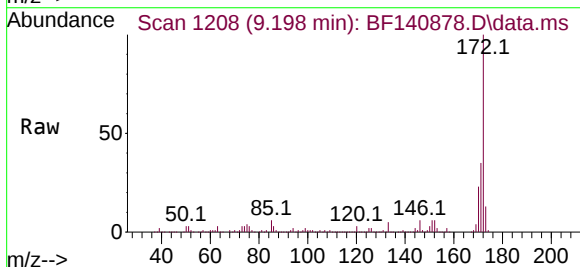
Tgt Ion:172 Resp: 689627

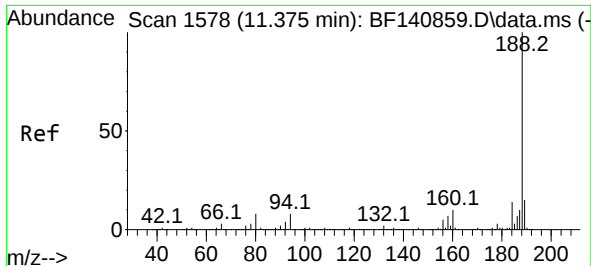
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.3 18.6 28.0

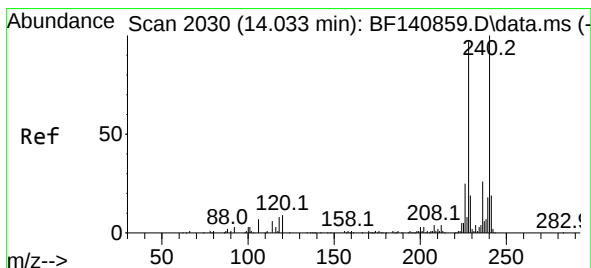
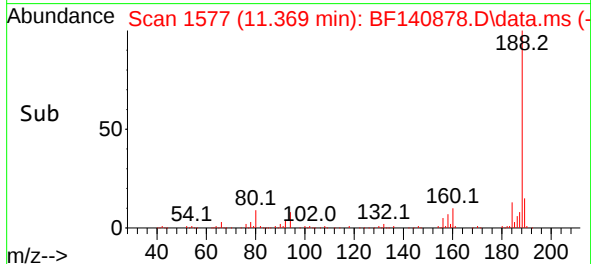
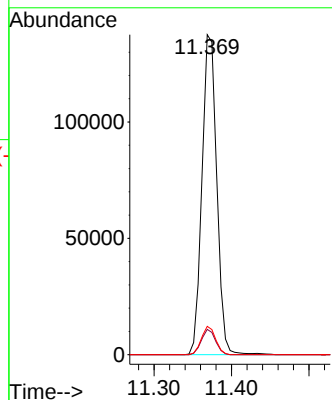
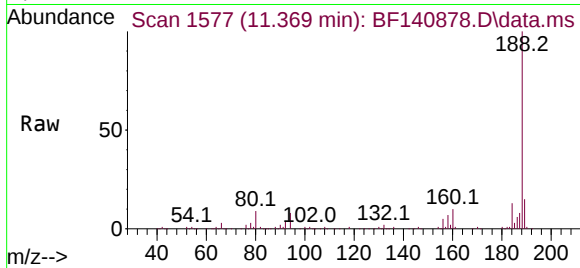




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140878.D
Acq: 17 Dec 2024 12:08

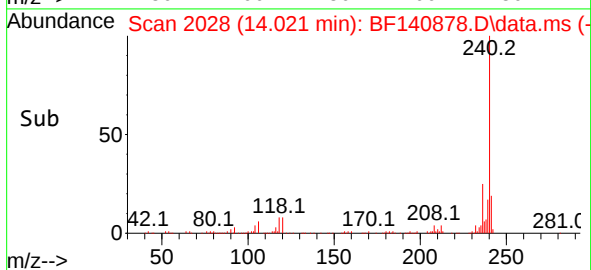
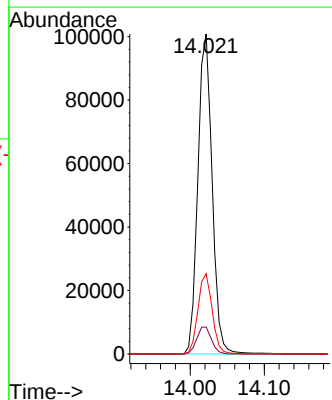
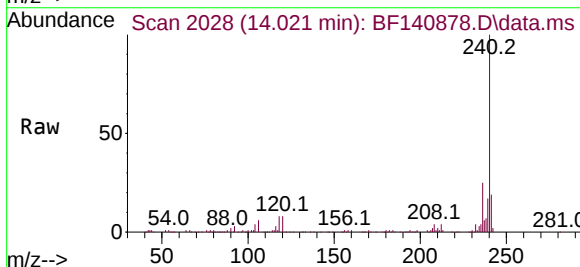
Instrument :
BNA_F
ClientSampleId :
WC-1

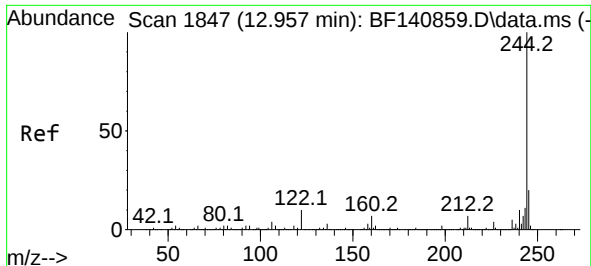
Tgt Ion:188 Resp: 182242
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140878.D
Acq: 17 Dec 2024 12:08

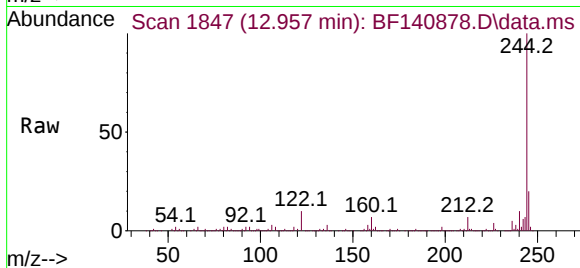
Tgt Ion:240 Resp: 134703
Ion Ratio Lower Upper
240 100
120 8.4 7.6 11.4
236 25.1 20.5 30.7



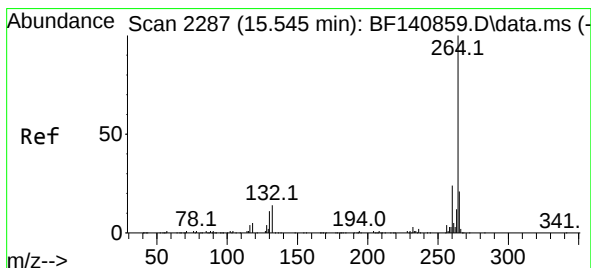
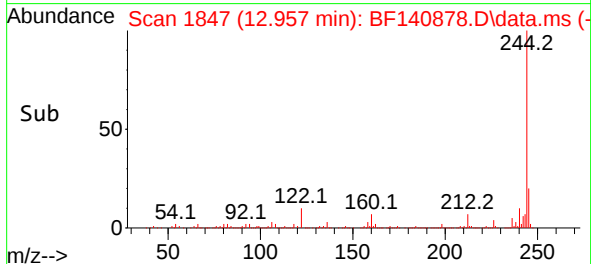
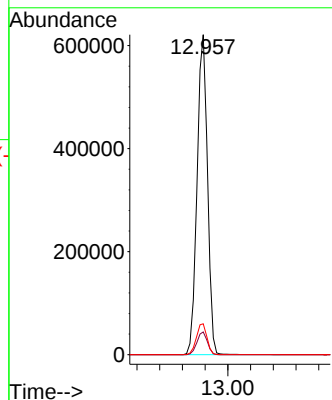


#79
Terphenyl-d14
Concen: 93.002 ng
RT: 12.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140878.D
Acq: 17 Dec 2024 12:08

Instrument :
BNA_F
ClientSampleId :
WC-1



Tgt Ion:244 Resp: 794468
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 9.6 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.041 min
Lab File: BF140878.D
Acq: 17 Dec 2024 12:08

Tgt Ion:264 Resp: 134932
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 22.4 17.0 25.4

