

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140945.D
 Acq On : 20 Dec 2024 12:51
 Operator : RC/JU
 Sample : P5316-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-304-IDWSO-20241217-1

Quant Time: Dec 20 13:12:22 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	6.845	152	57889	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	220576	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	122567	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	209736	20.000	ng	0.00
76) Chrysene-d12	14.033	240	174197	20.000	ng	0.00
86) Perylene-d12	15.533	264	135546	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	325649	92.604	ng	0.01
7) Phenol-d6	6.498	99	453959	97.464	ng	0.00
23) Nitrobenzene-d5	7.416	82	260205	59.020	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	124785	86.081	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	501263	56.227	ng	0.00
79) Terphenyl-d14	12.957	244	529929	47.970	ng	0.00

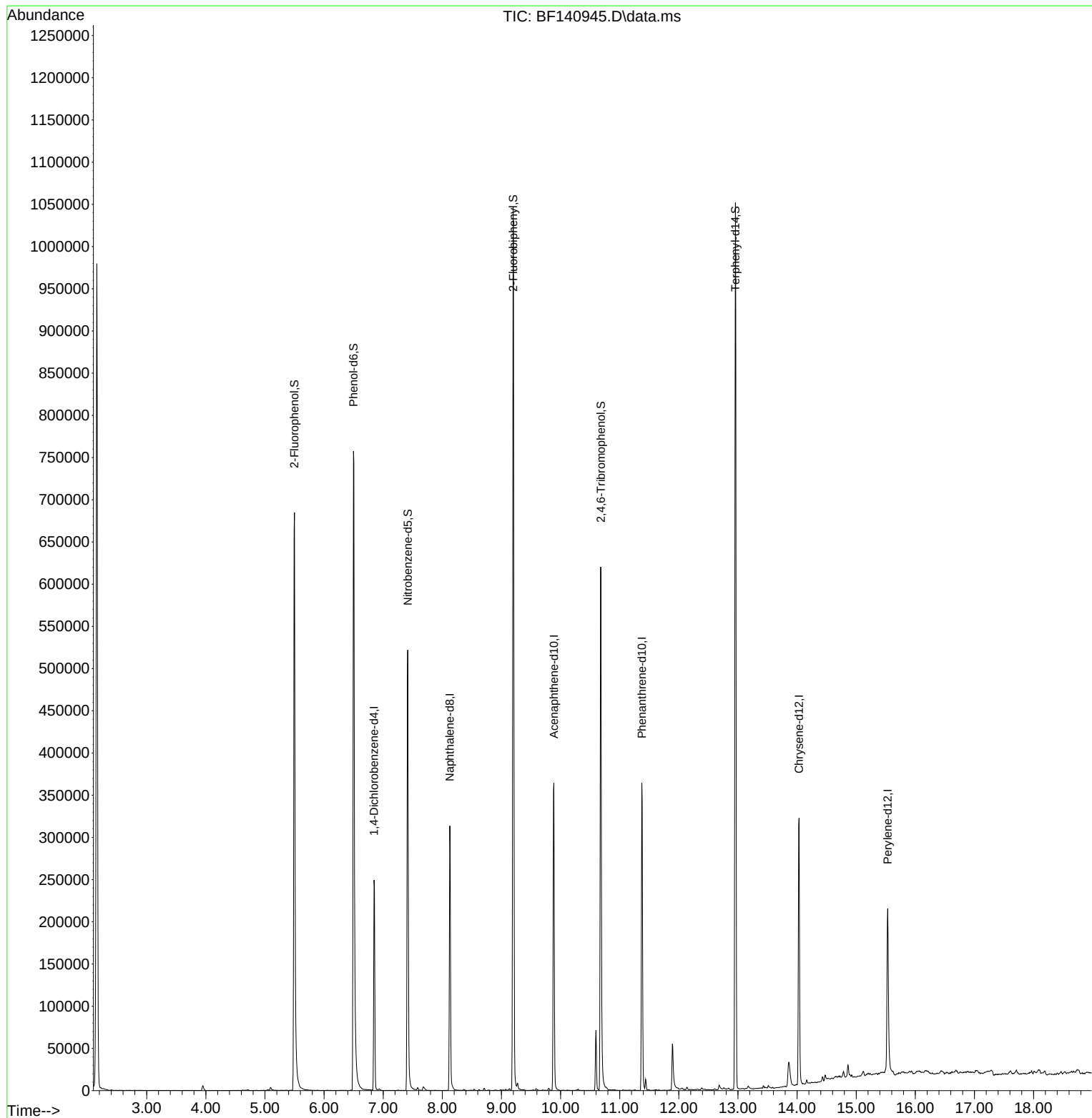
Target Compounds	Qvalue

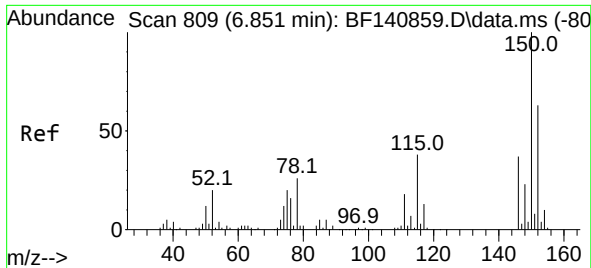
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
Data File : BF140945.D
Acq On : 20 Dec 2024 12:51
Operator : RC/JU
Sample : P5316-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TT-304-IDWSO-20241217-1

Quant Time: Dec 20 13:12:22 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

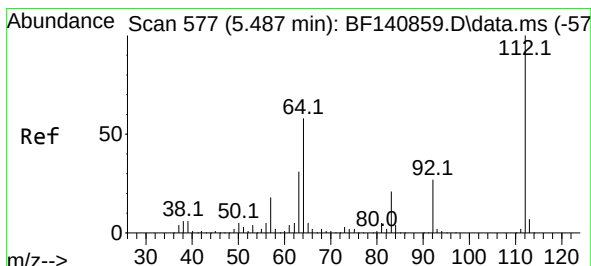
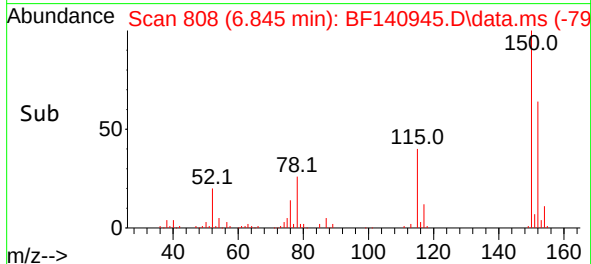
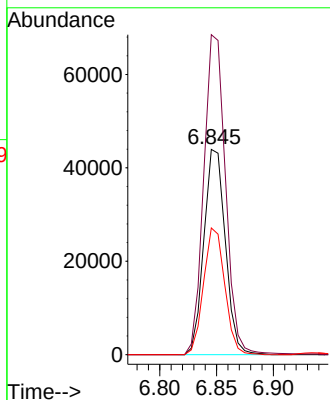
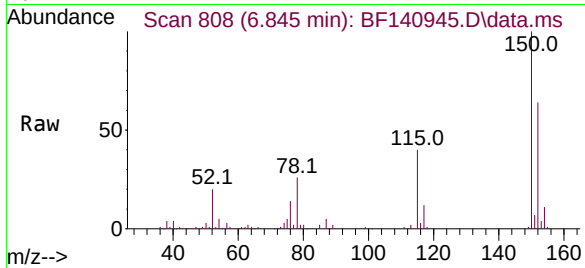




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

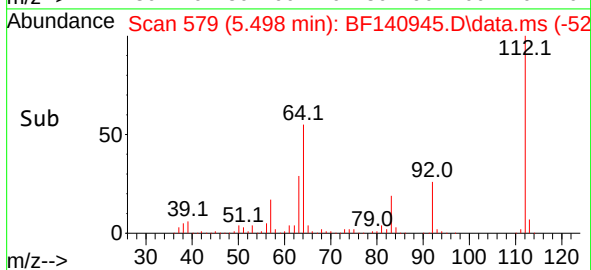
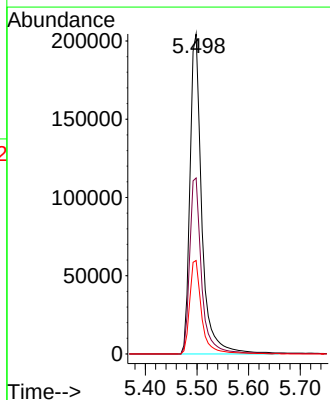
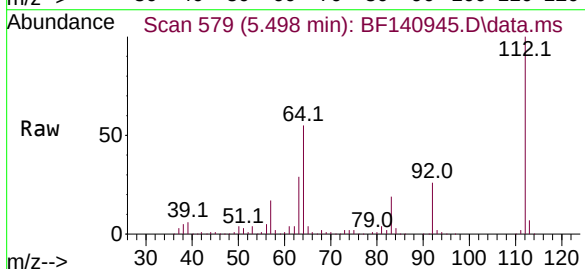
Instrument :
BNA_F
ClientSampleId :
TT-304-IDWSO-20241217-1

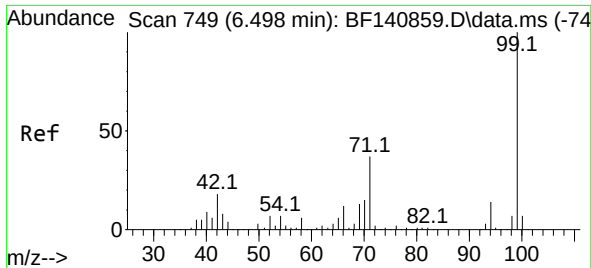
Tgt Ion:152 Resp: 57889
Ion Ratio Lower Upper
152 100
150 155.9 127.9 191.9
115 61.7 48.0 72.0



#5
2-Fluorophenol
Concen: 92.604 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

Tgt Ion:112 Resp: 325649
Ion Ratio Lower Upper
112 100
64 55.0 46.1 69.1
63 29.2 24.9 37.3

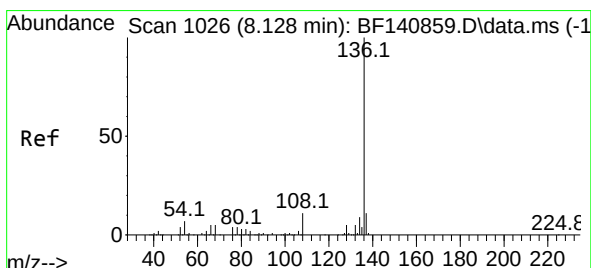
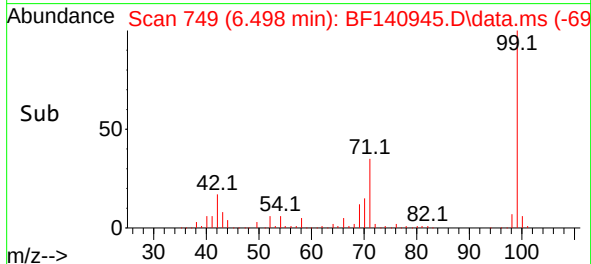
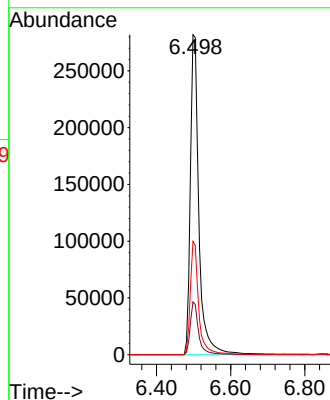
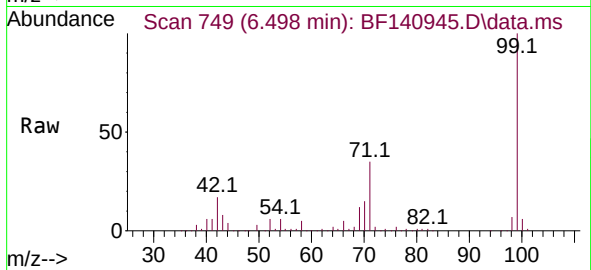




#7
Phenol-d6
Concen: 97.464 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

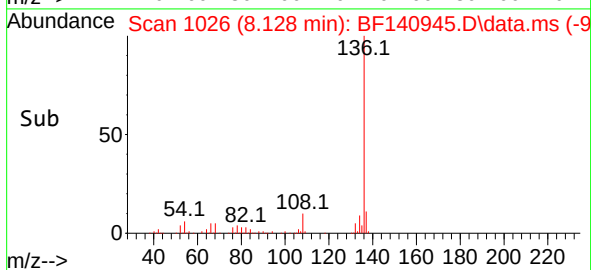
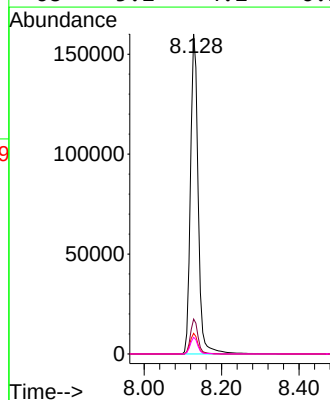
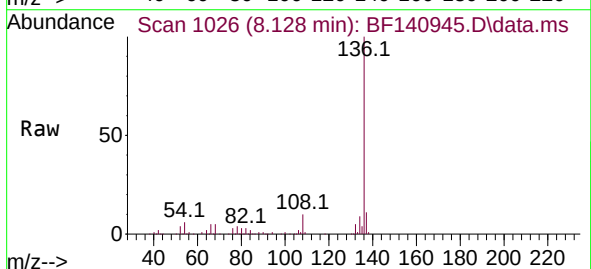
Instrument :
BNA_F
ClientSampleId :
TT-304-IDWSO-20241217-1

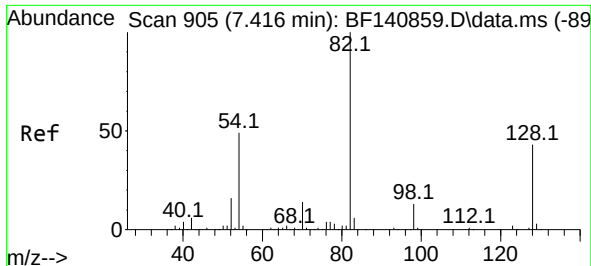
Tgt Ion: 99 Resp: 453959
Ion Ratio Lower Upper
99 100
42 16.5 14.3 21.5
71 35.4 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

Tgt Ion: 136 Resp: 220576
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.5 5.6 8.4
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 59.020 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140945.D

Acq: 20 Dec 2024 12:51

Instrument :

BNA_F

ClientSampleId :

TT-304-IDWSO-20241217-1

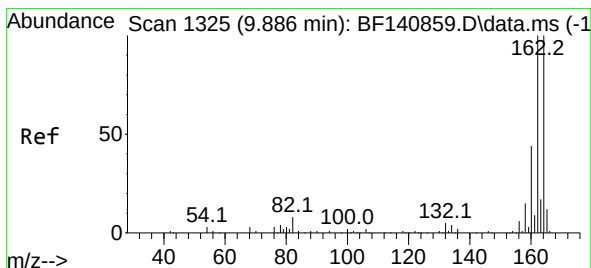
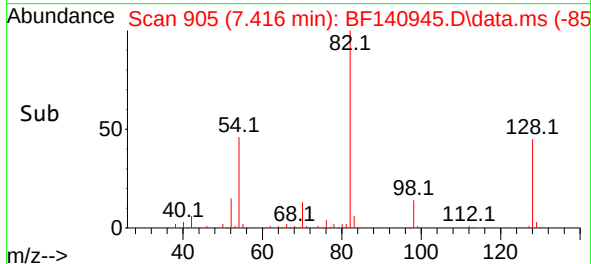
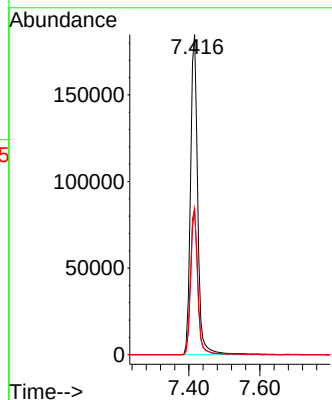
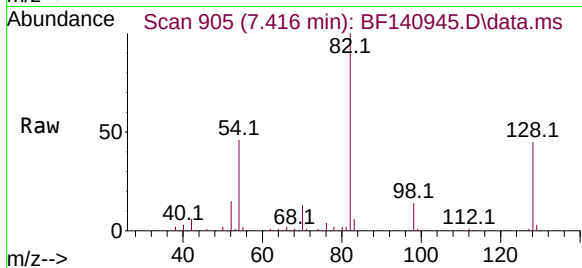
Tgt Ion: 82 Resp: 260205

Ion Ratio Lower Upper

82 100

128 45.3 34.4 51.6

54 45.8 38.8 58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BF140945.D

Acq: 20 Dec 2024 12:51

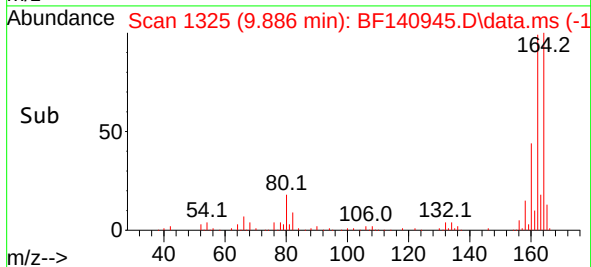
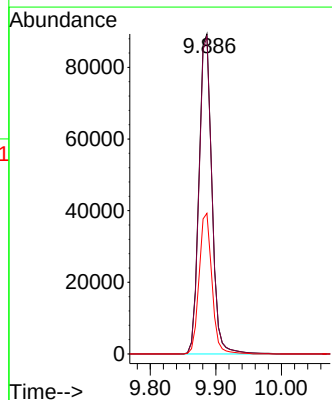
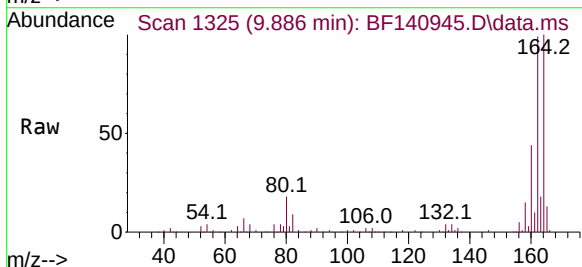
Tgt Ion:164 Resp: 122567

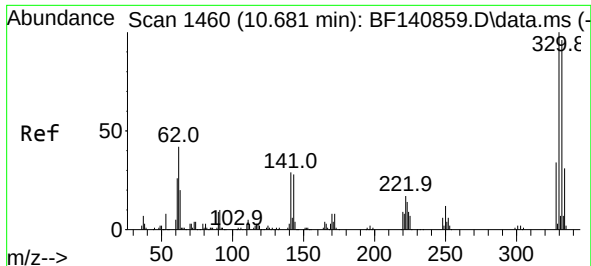
Ion Ratio Lower Upper

164 100

162 99.2 79.9 119.9

160 43.9 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 86.081 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140945.D

Acq: 20 Dec 2024 12:51

Instrument :

BNA_F

ClientSampleId :

TT-304-IDWSO-20241217-1

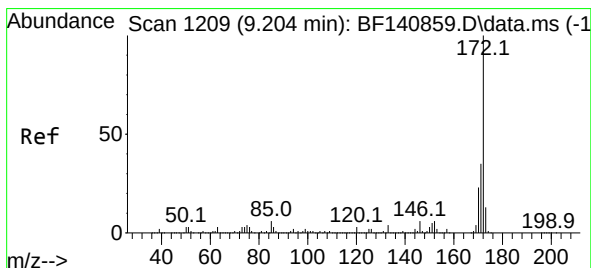
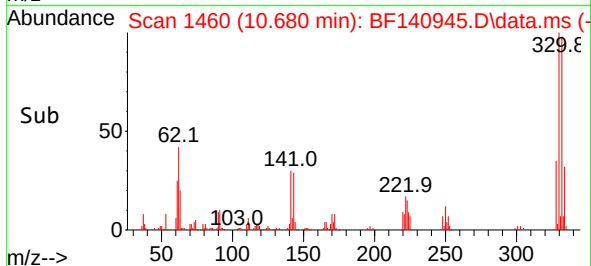
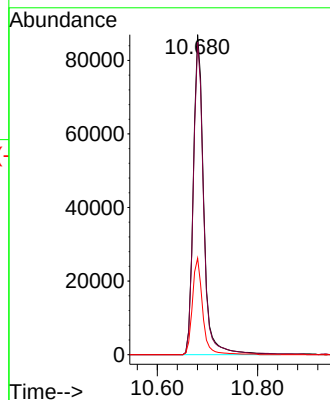
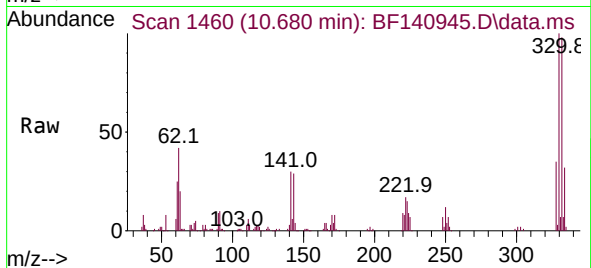
Tgt Ion:330 Resp: 124785

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

141 29.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 56.227 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140945.D

Acq: 20 Dec 2024 12:51

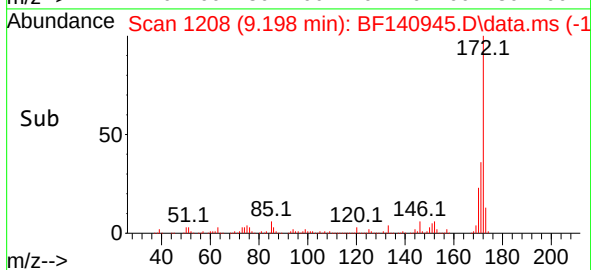
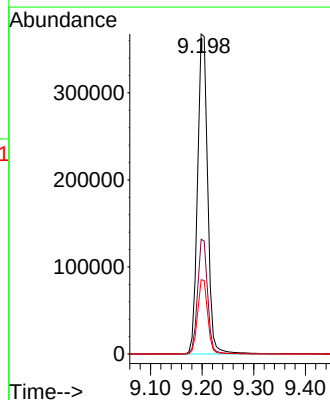
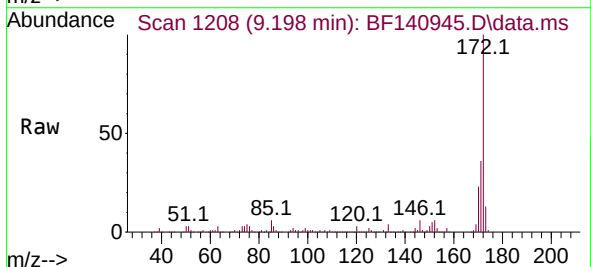
Tgt Ion:172 Resp: 501263

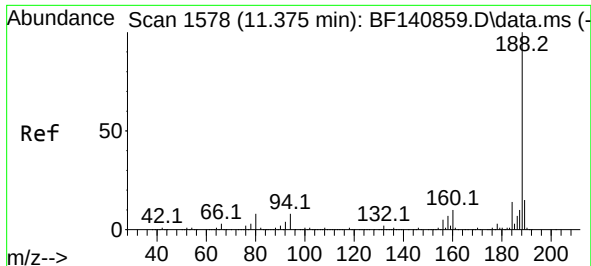
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.2 18.6 28.0

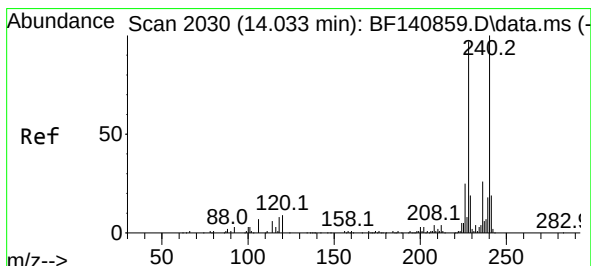
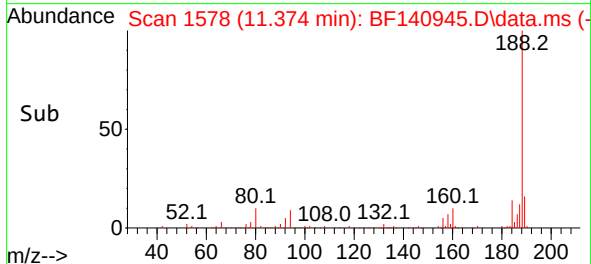
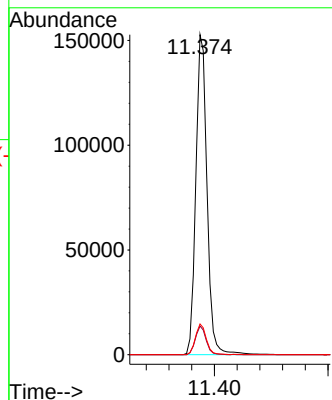
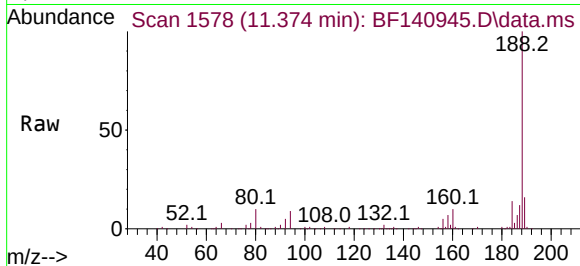




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

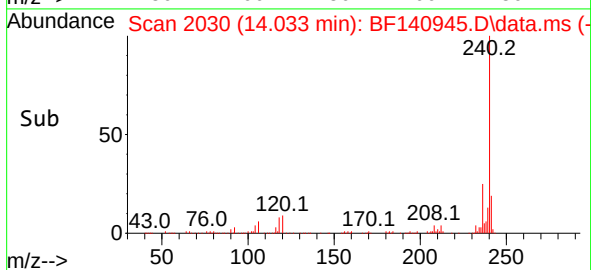
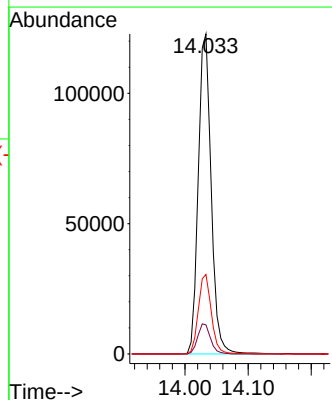
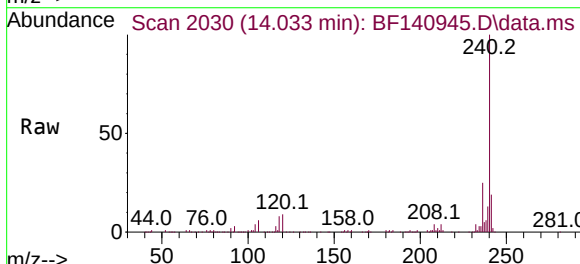
Instrument :
BNA_F
ClientSampleId :
TT-304-IDWSO-20241217-1

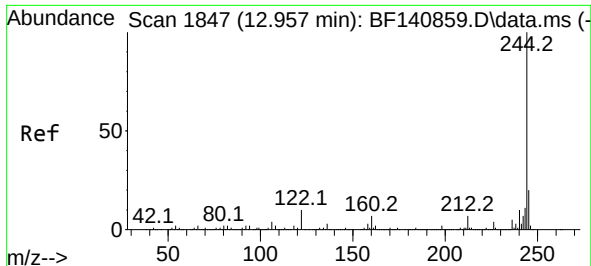
Tgt Ion:188 Resp: 209736
Ion Ratio Lower Upper
188 100
94 9.0 6.4 9.6
80 9.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

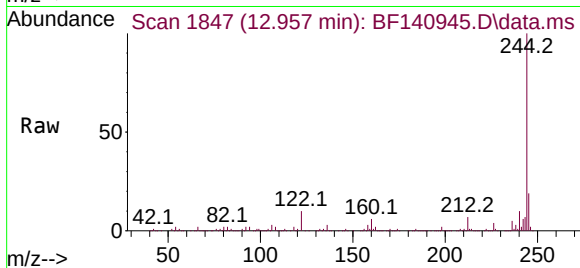
Tgt Ion:240 Resp: 174197
Ion Ratio Lower Upper
240 100
120 9.1 7.6 11.4
236 24.8 20.5 30.7



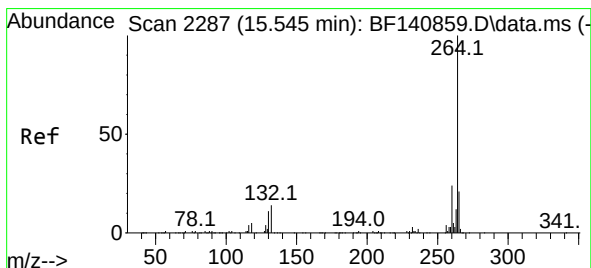
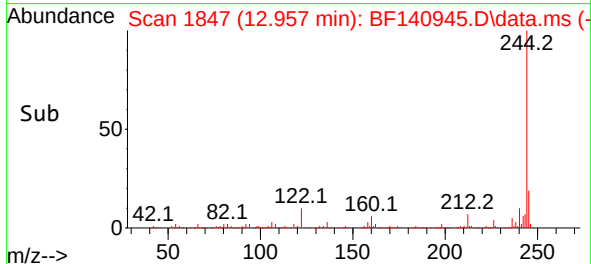
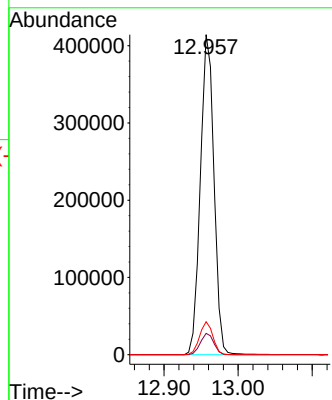


#79
Terphenyl-d14
Concen: 47.970 ng
RT: 12.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

Instrument :
BNA_F
ClientSampleId :
TT-304-IDWSO-20241217-1



Tgt Ion:244 Resp: 529929
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.3 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.012 min
Lab File: BF140945.D
Acq: 20 Dec 2024 12:51

Tgt Ion:264 Resp: 135546
Ion Ratio Lower Upper
264 100
260 22.8 19.1 28.7
265 21.7 17.0 25.4

