

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140906.D
 Acq On : 18 Dec 2024 15:28
 Operator : RC/JU
 Sample : P5277-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3A

Quant Time: Dec 18 15:57:30 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	68340	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	257883	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	133043	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	333312	20.000	ng	0.00
76) Chrysene-d12	14.027	240	181403	20.000	ng	0.00
86) Perylene-d12	15.527	264	152865	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	183304	44.155	ng	0.00
7) Phenol-d6	6.498	99	266729	48.509	ng	0.00
23) Nitrobenzene-d5	7.410	82	178609	34.651	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	60900	38.703	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	352865	36.465	ng	0.00
79) Terphenyl-d14	12.957	244	508431	44.196	ng	0.00

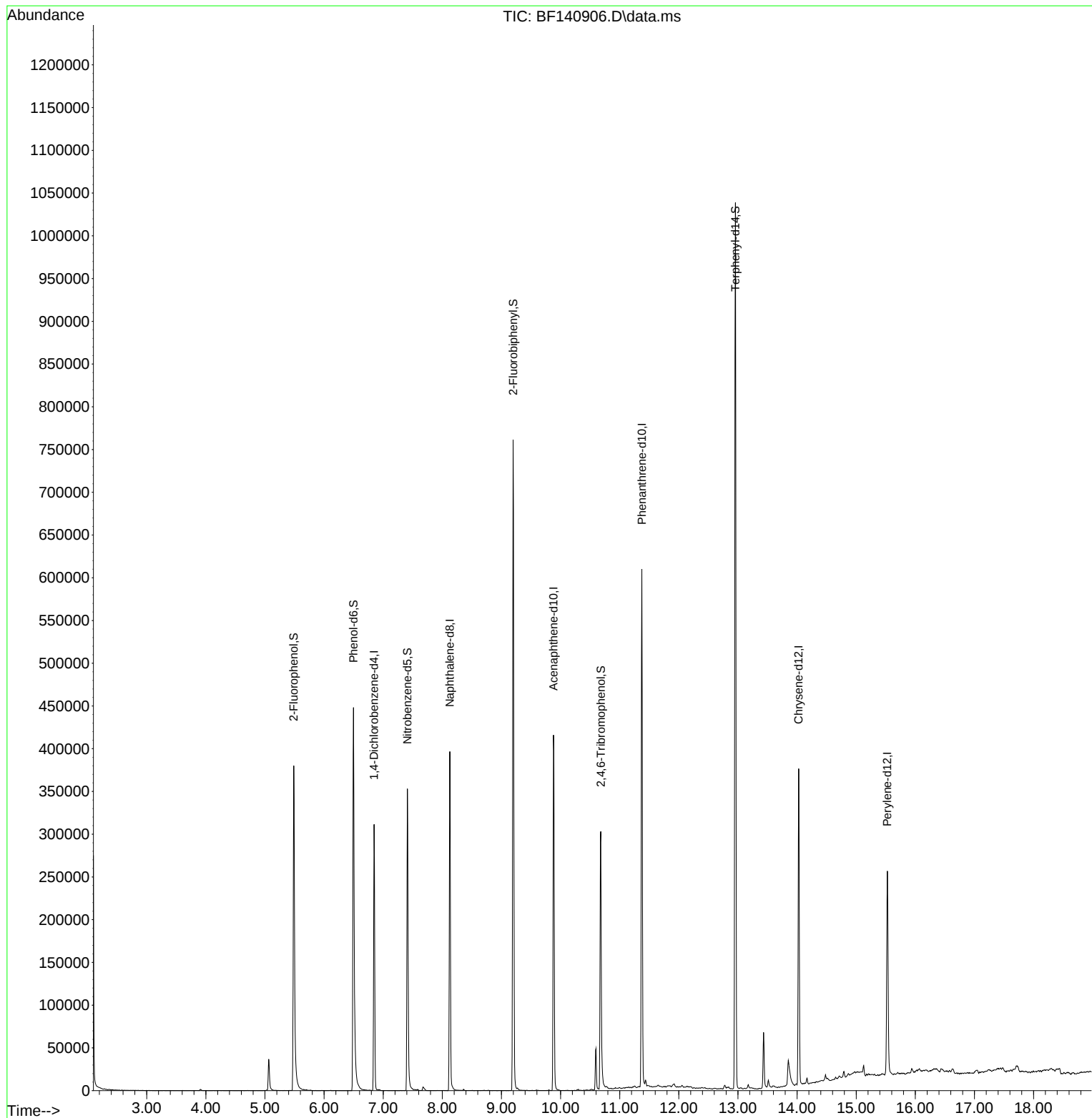
Target Compounds	Qvalue

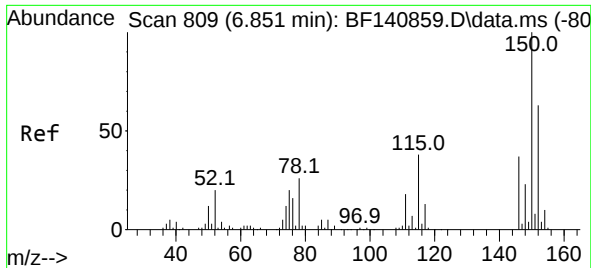
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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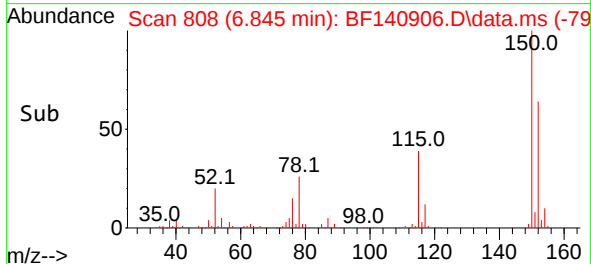
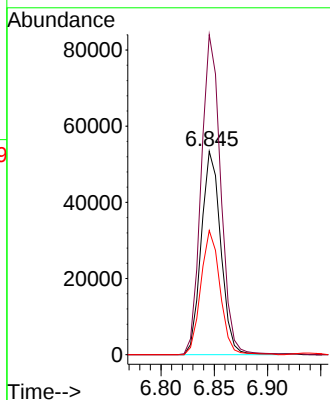
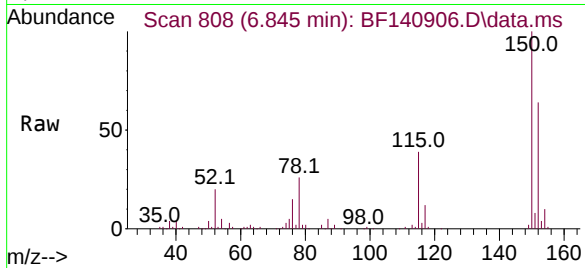




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

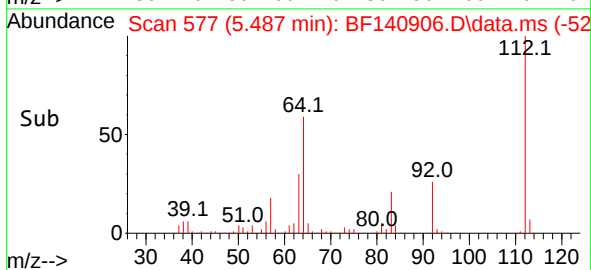
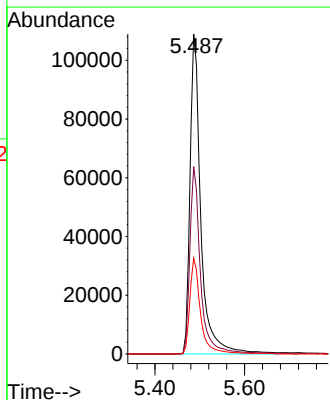
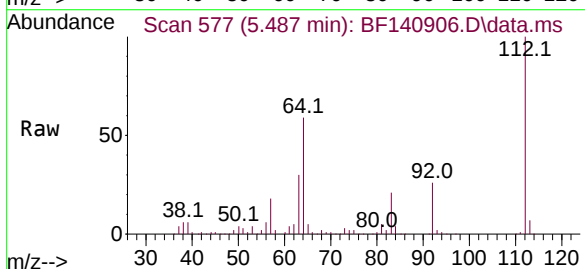
Instrument :
BNA_F
ClientSampleId :
COMP-3A

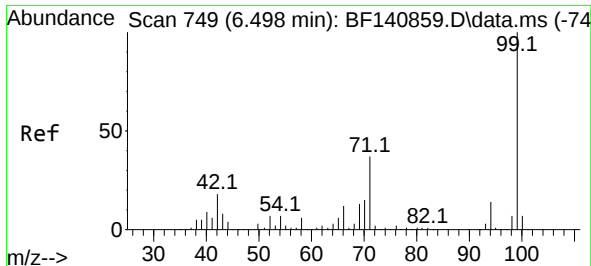
Tgt Ion:152 Resp: 68340
Ion Ratio Lower Upper
152 100
150 157.4 127.9 191.9
115 61.0 48.0 72.0



#5
2-Fluorophenol
Concen: 44.155 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

Tgt Ion:112 Resp: 183304
Ion Ratio Lower Upper
112 100
64 58.5 46.1 69.1
63 29.9 24.9 37.3

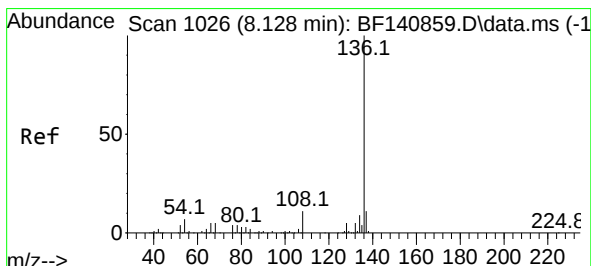
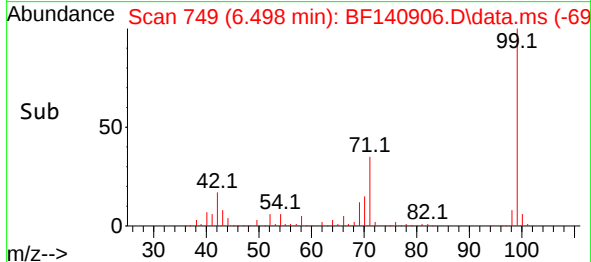
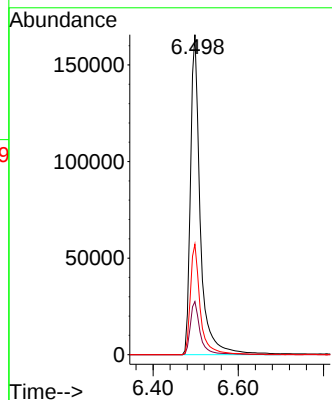
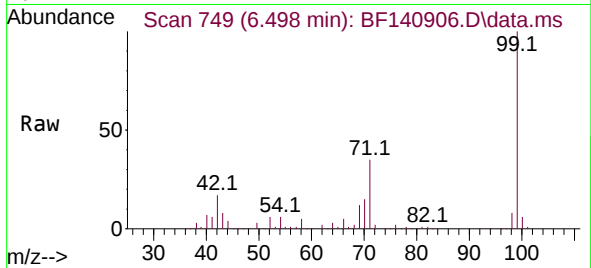




#7
Phenol-d6
Concen: 48.509 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

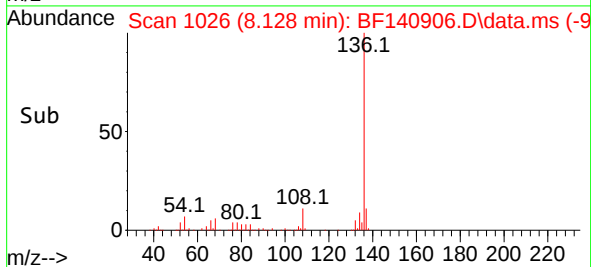
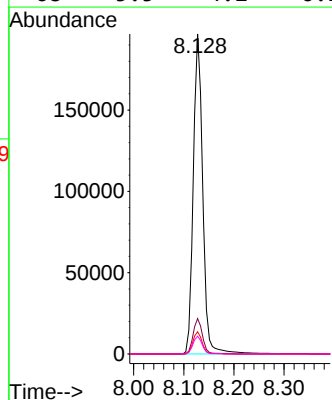
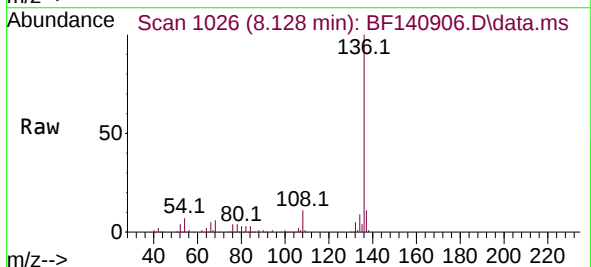
Instrument :
BNA_F
ClientSampleId :
COMP-3A

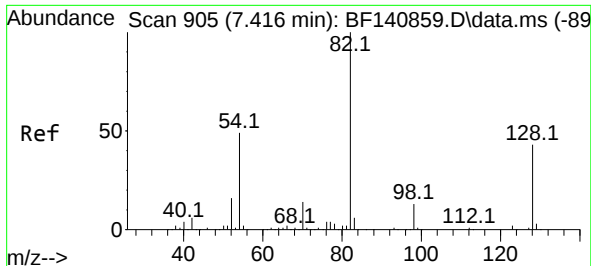
Tgt Ion: 99 Resp: 266729
Ion Ratio Lower Upper
99 100
42 16.6 14.3 21.5
71 34.5 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140906.D
Acq: 18 Dec 2024 15:28

Tgt Ion: 136 Resp: 257883
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.0 5.6 8.4
68 5.5 4.2 6.2

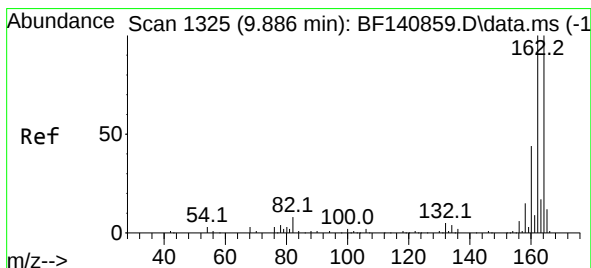
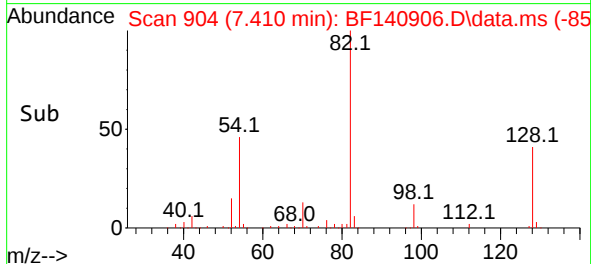
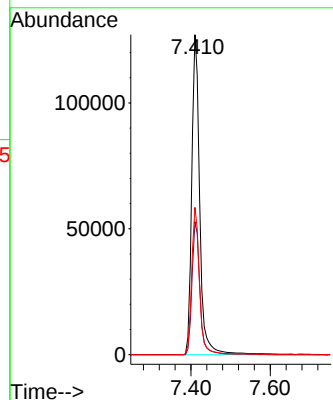
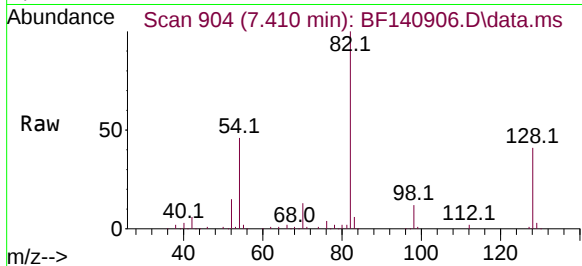




#23
 Nitrobenzene-d5
 Concen: 34.651 ng
 RT: 7.410 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: BF140906.D
 Acq: 18 Dec 2024 15:28

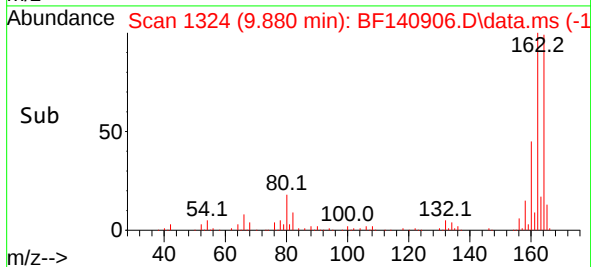
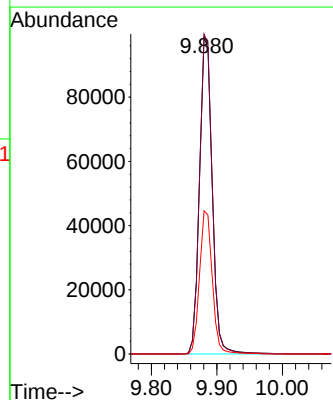
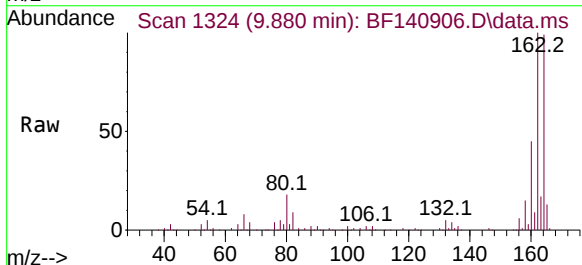
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3A

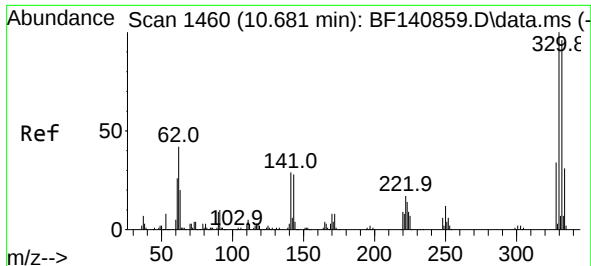
Tgt Ion: 82 Resp: 178609
 Ion Ratio Lower Upper
 82 100
 128 41.5 34.4 51.6
 54 46.0 38.8 58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.880 min Scan# 1324
 Delta R.T. -0.006 min
 Lab File: BF140906.D
 Acq: 18 Dec 2024 15:28

Tgt Ion:164 Resp: 133043
 Ion Ratio Lower Upper
 164 100
 162 101.1 79.9 119.9
 160 45.3 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 38.703 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140906.D

Acq: 18 Dec 2024 15:28

Instrument :

BNA_F

ClientSampleId :

COMP-3A

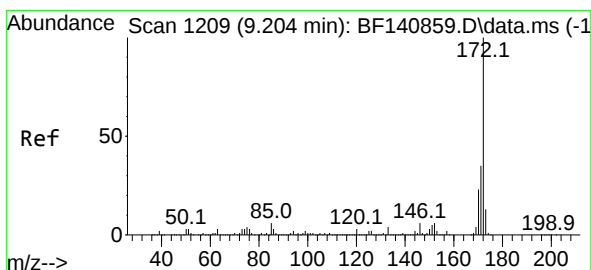
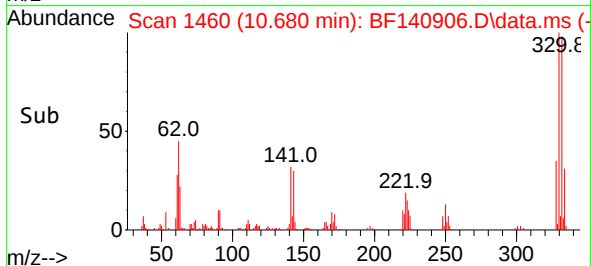
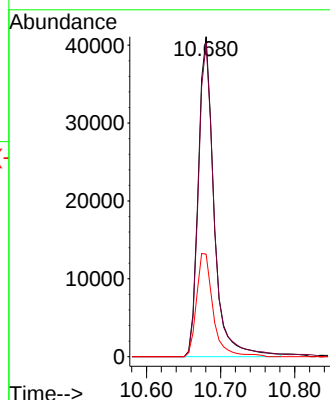
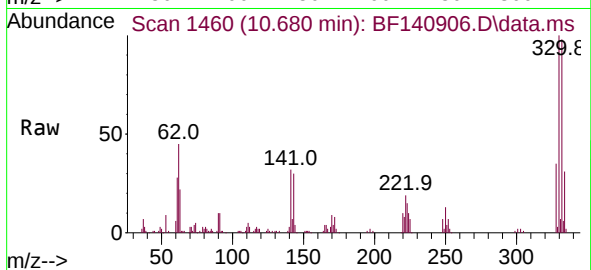
Tgt Ion:330 Resp: 60900

Ion Ratio Lower Upper

330 100

332 98.3 76.2 114.4

141 33.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 36.465 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140906.D

Acq: 18 Dec 2024 15:28

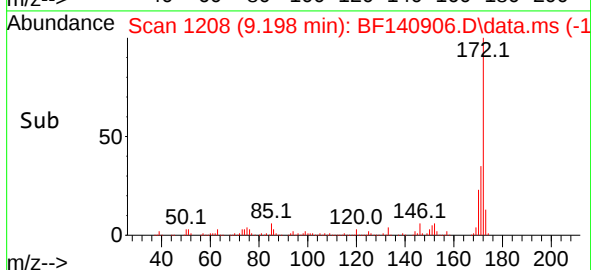
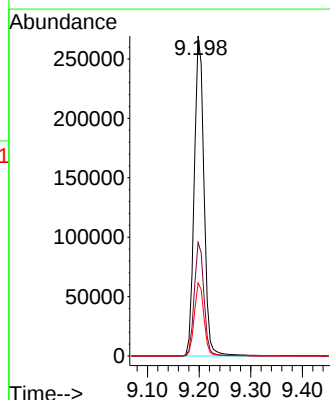
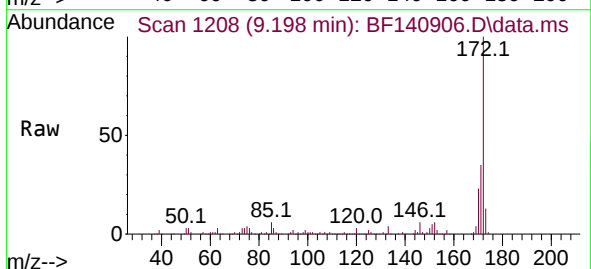
Tgt Ion:172 Resp: 352865

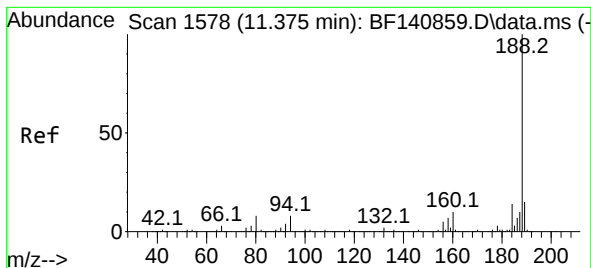
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 22.8 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: BF140906.D

Acq: 18 Dec 2024 15:28

Instrument :

BNA_F

ClientSampleId :

COMP-3A

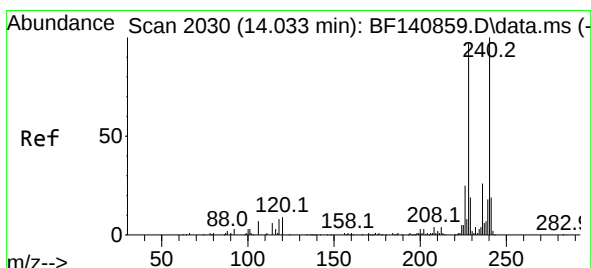
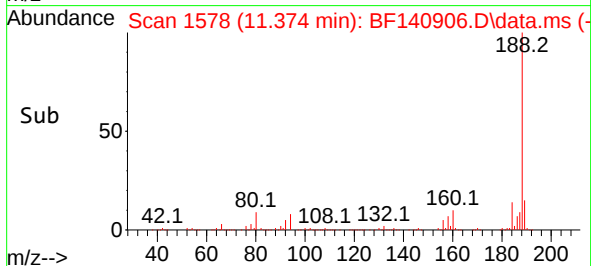
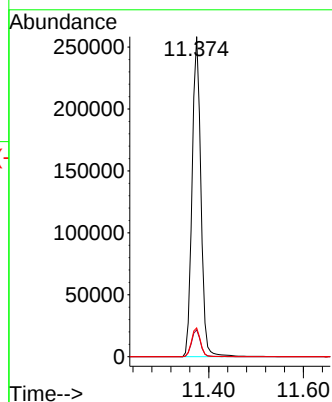
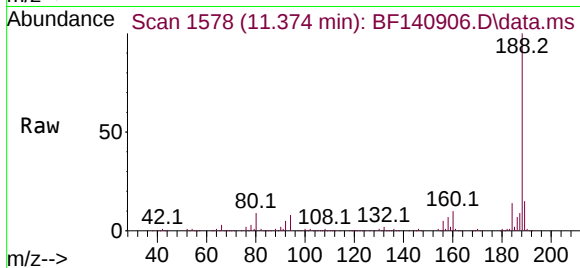
Tgt Ion:188 Resp: 333312

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.0 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140906.D

Acq: 18 Dec 2024 15:28

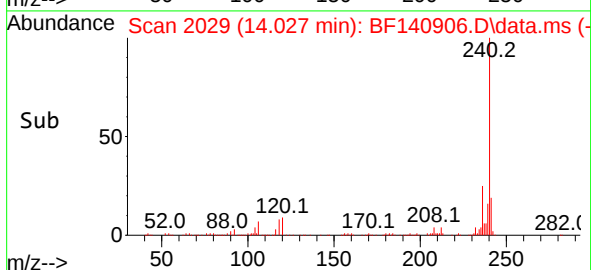
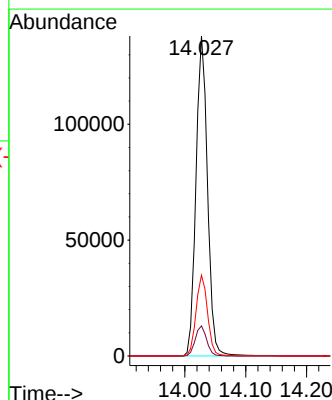
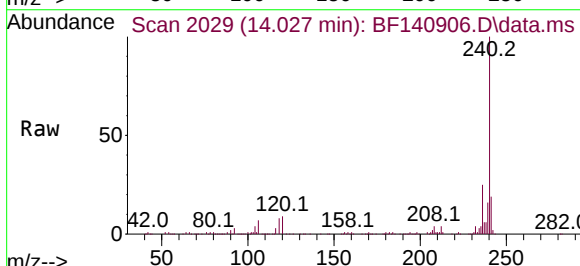
Tgt Ion:240 Resp: 181403

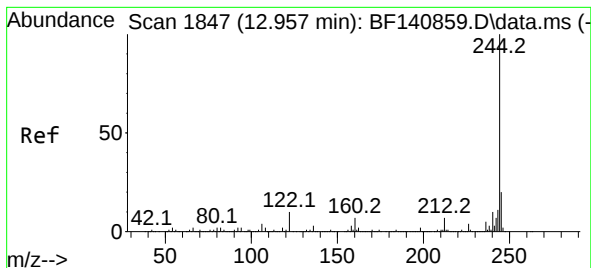
Ion Ratio Lower Upper

240 100

120 9.4 7.6 11.4

236 25.3 20.5 30.7





#79

Terphenyl-d14

Concen: 44.196 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140906.D

Acq: 18 Dec 2024 15:28

Instrument :

BNA_F

ClientSampleId :

COMP-3A

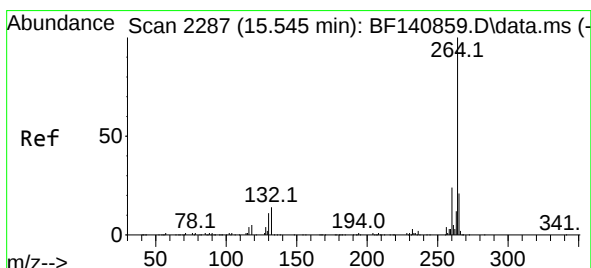
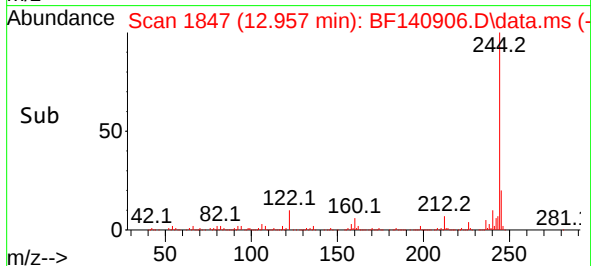
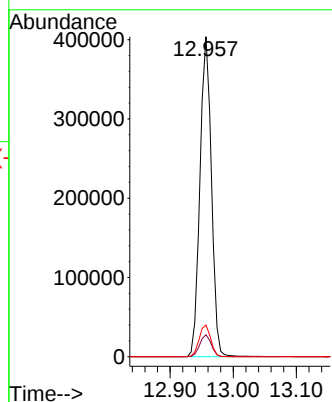
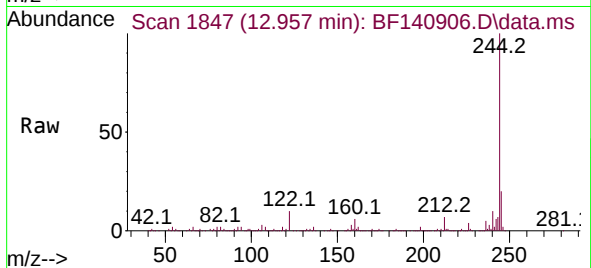
Tgt Ion:244 Resp: 508431

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.9 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.018 min

Lab File: BF140906.D

Acq: 18 Dec 2024 15:28

Tgt Ion:264 Resp: 152865

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.1 17.0 25.4

