

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140924.D
 Acq On : 19 Dec 2024 14:21
 Operator : RC/JU
 Sample : P5291-06DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW3-20241213DL

Quant Time: Dec 19 14:42:41 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)

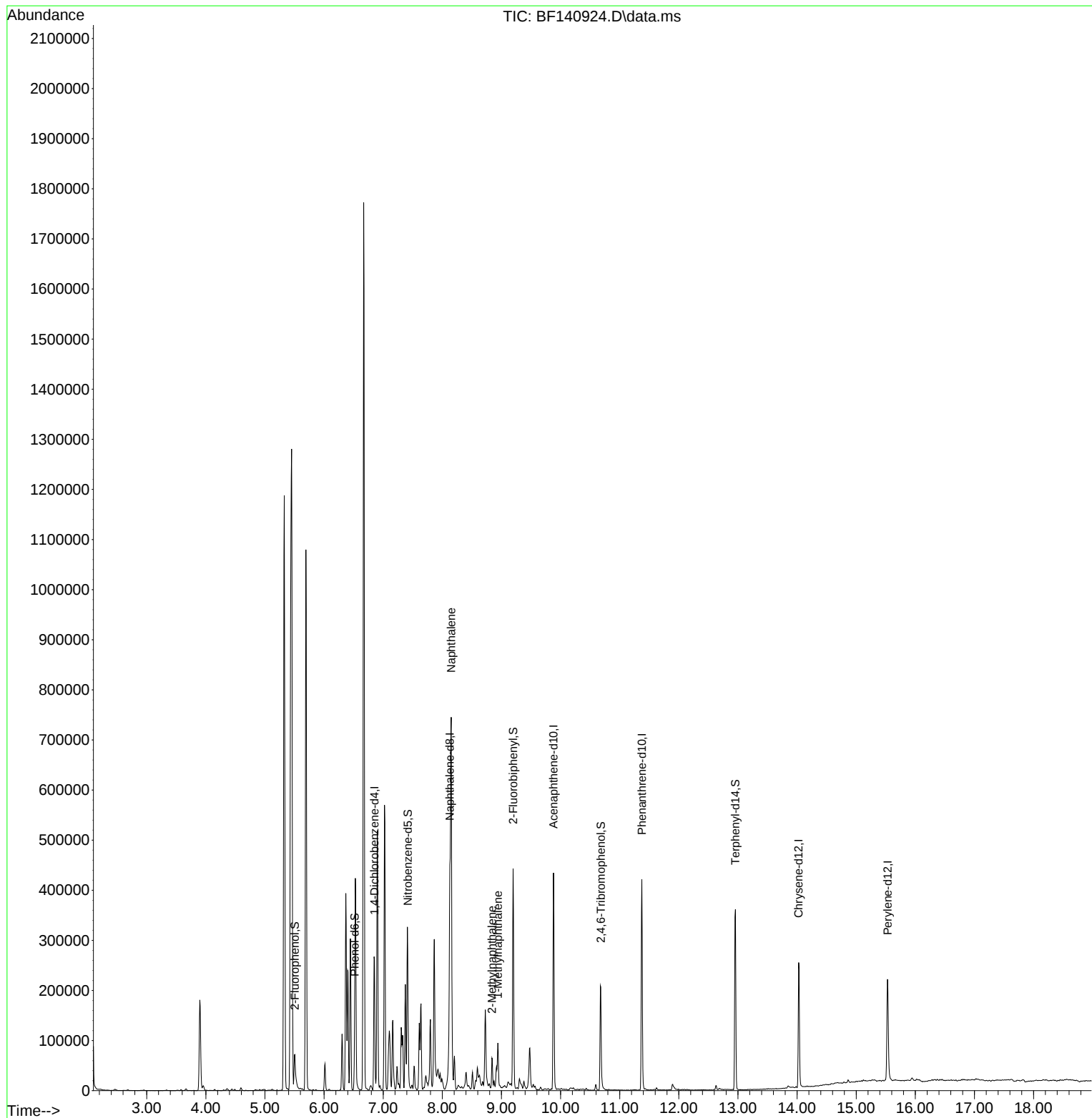
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	62503	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	247280	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	131466	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	224739	20.000	ng	0.00
76) Chrysene-d12	14.027	240	136937	20.000	ng	0.00
86) Perylene-d12	15.533	264	140691	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	41618	10.961	ng	0.02
7) Phenol-d6	6.516	99	33357	6.633	ng	0.02
23) Nitrobenzene-d5	7.416	82	93477	18.913	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	42146	27.106	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	198635	20.773	ng	0.00
79) Terphenyl-d14	12.957	244	186313	21.454	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.151	128	450546	33.169	ng	100
37) 2-Methylnaphthalene	8.839	142	23543	2.620	ng	95
38) 1-Methylnaphthalene	8.939	142	30569	3.440	ng	97

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

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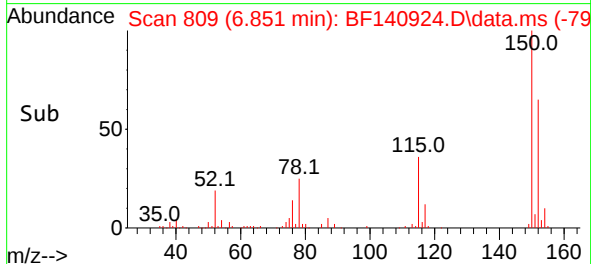
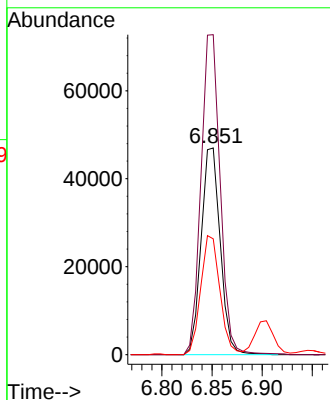
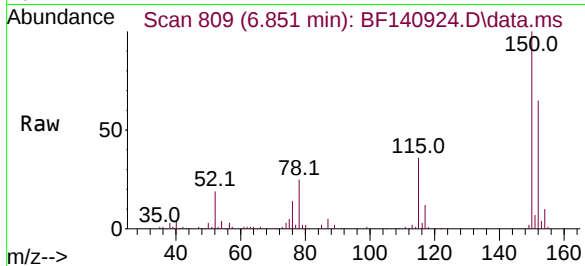




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

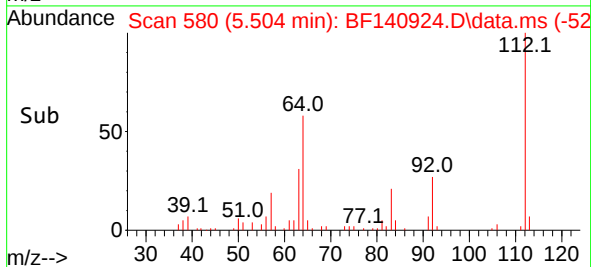
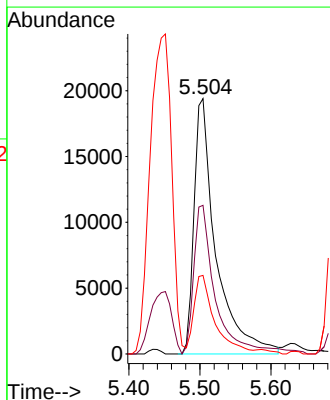
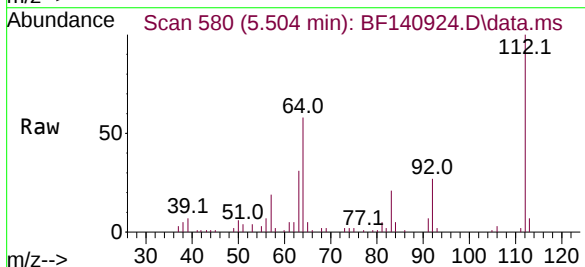
Instrument :
BNA_F
ClientSampleId :
MW3-20241213DL

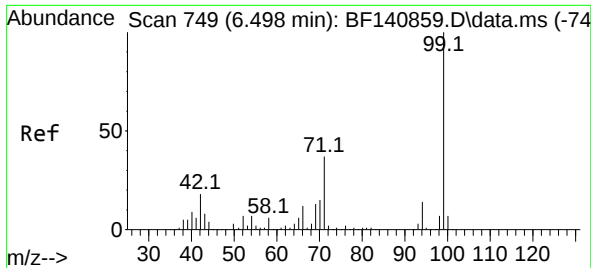
Tgt Ion:152 Resp: 62503
Ion Ratio Lower Upper
152 100
150 154.8 127.9 191.9
115 56.0 48.0 72.0



#5
2-Fluorophenol
Concen: 10.961 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Tgt Ion:112 Resp: 41618
Ion Ratio Lower Upper
112 100
64 58.2 46.1 69.1
63 30.8 24.9 37.3

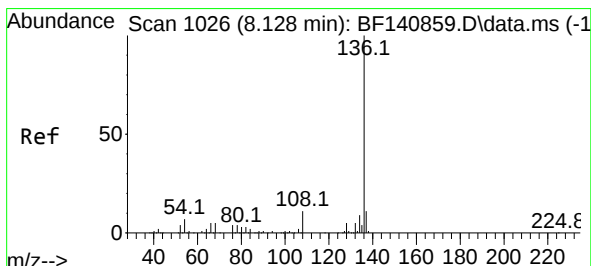
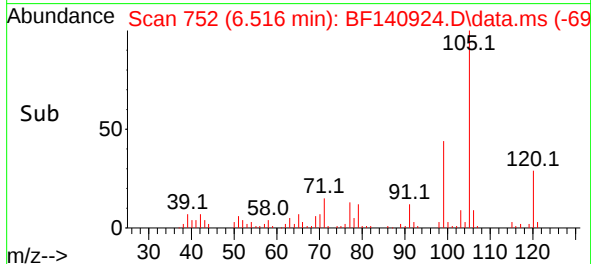
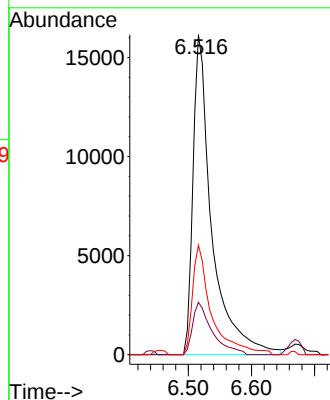
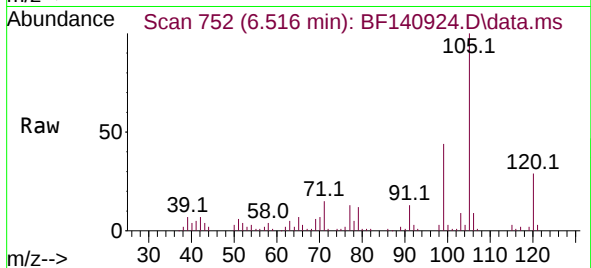




#7
Phenol-d6
Concen: 6.633 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

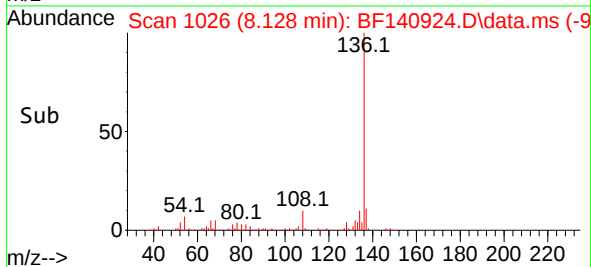
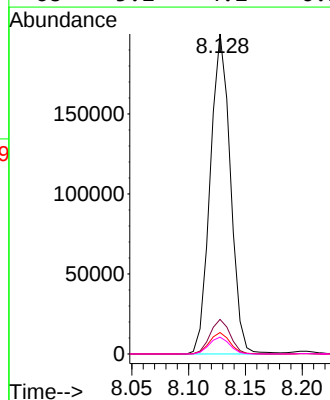
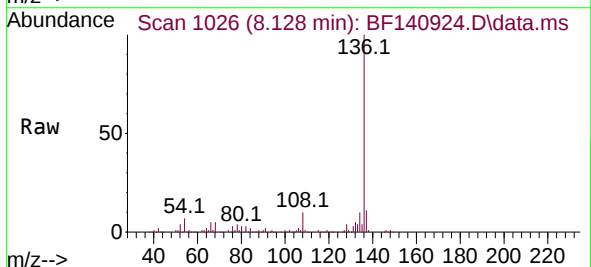
Instrument :
BNA_F
ClientSampleId :
MW3-20241213DL

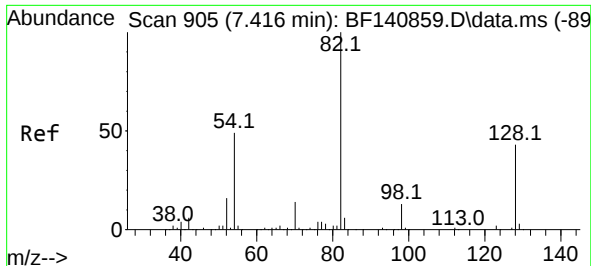
Tgt Ion: 99 Resp: 33357
Ion Ratio Lower Upper
99 100
42 16.3 14.3 21.5
71 34.3 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Tgt Ion: 136 Resp: 247280
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.7 5.6 8.4
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 18.913 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140924.D

Acq: 19 Dec 2024 14:21

Instrument :

BNA_F

ClientSampleId :

MW3-20241213DL

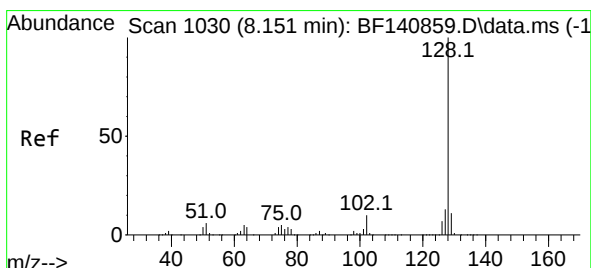
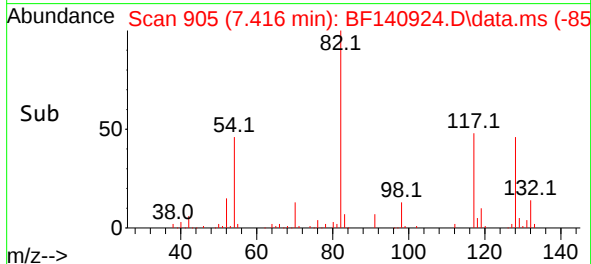
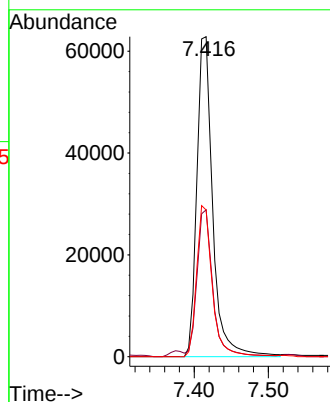
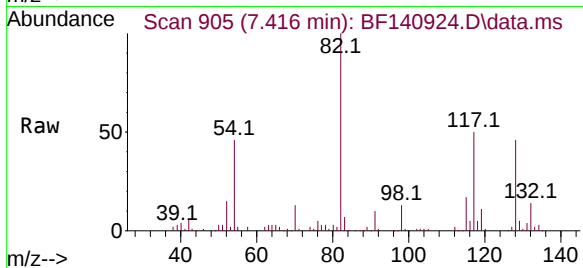
Tgt Ion: 82 Resp: 93477

Ion Ratio Lower Upper

82 100

128 45.9 34.4 51.6

54 45.9 38.8 58.2



#31

Naphthalene

Concen: 33.169 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF140924.D

Acq: 19 Dec 2024 14:21

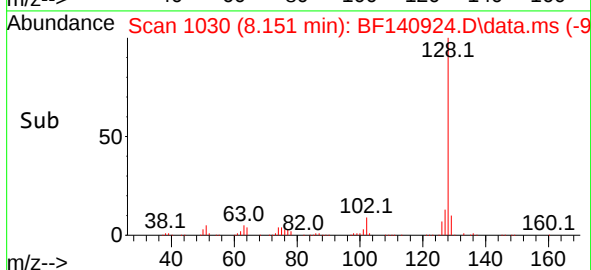
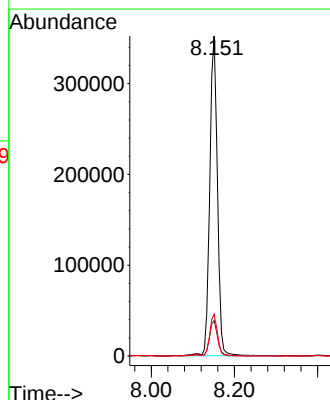
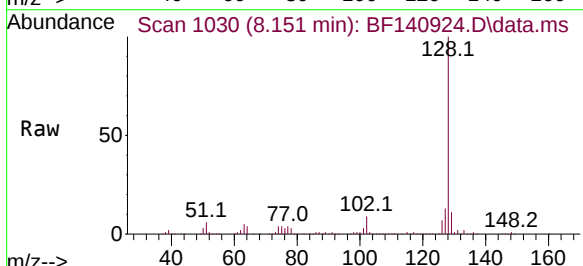
Tgt Ion:128 Resp: 450546

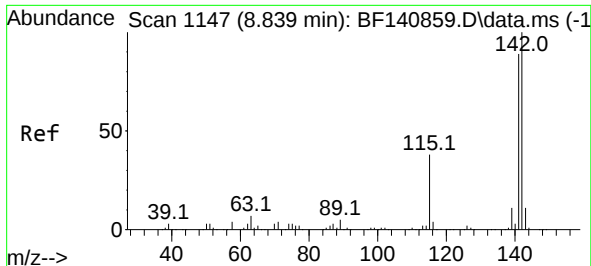
Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.1 10.6 16.0





#37

2-Methylnaphthalene

Concen: 2.620 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF140924.D

Acq: 19 Dec 2024 14:21

Instrument :

BNA_F

ClientSampleId :

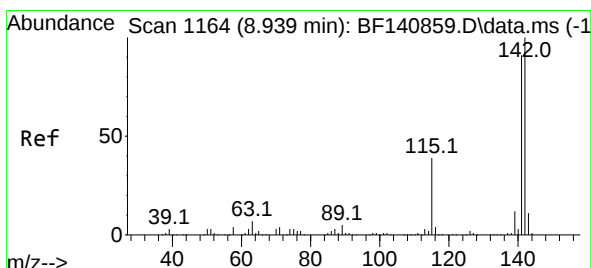
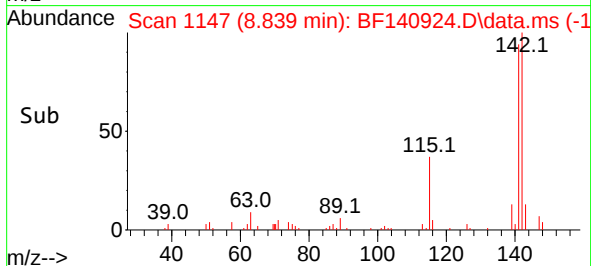
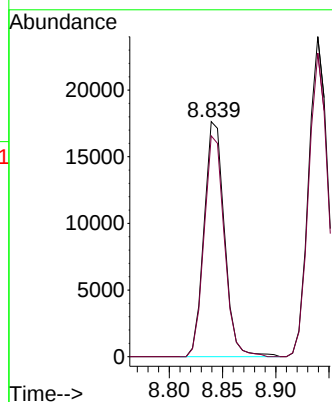
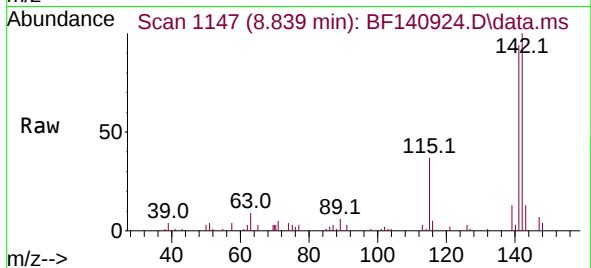
MW3-20241213DL

Tgt Ion:142 Resp: 23543

Ion Ratio Lower Upper

142 100

141 93.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 3.440 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140924.D

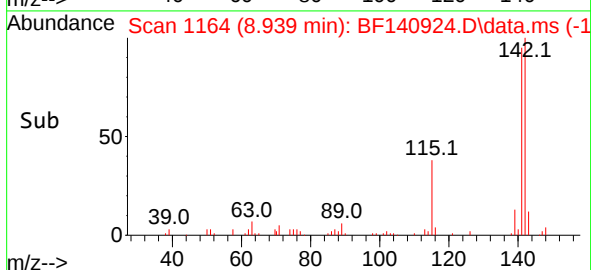
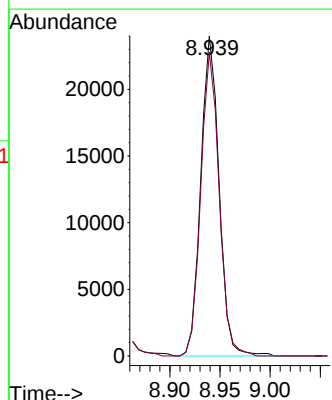
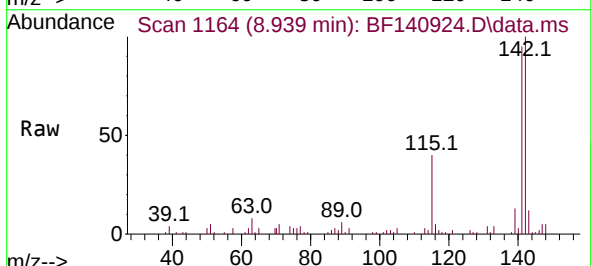
Acq: 19 Dec 2024 14:21

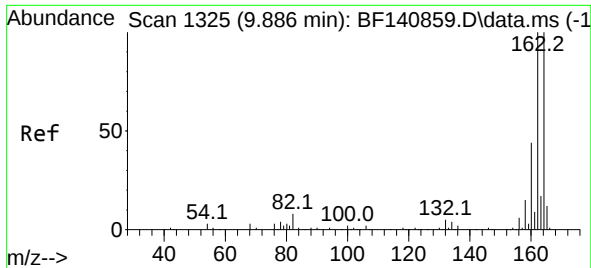
Tgt Ion:142 Resp: 30569

Ion Ratio Lower Upper

142 100

141 94.9 73.4 110.0

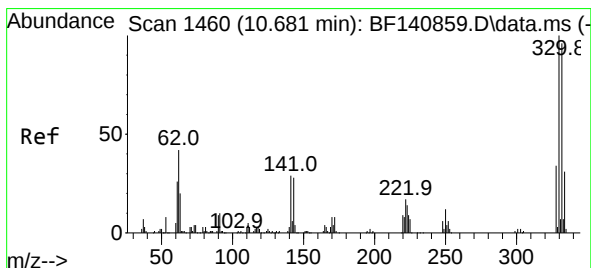
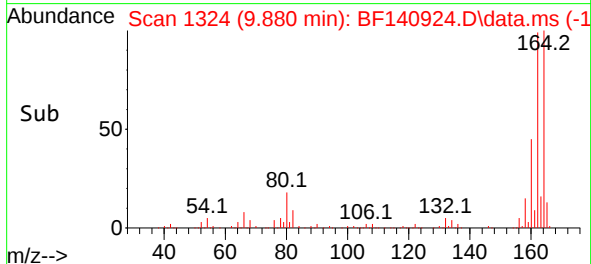
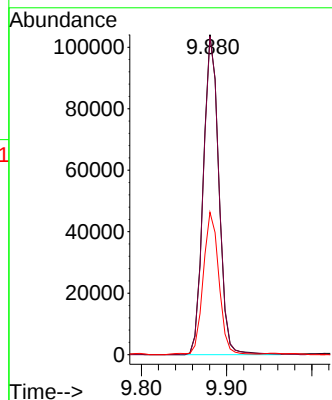
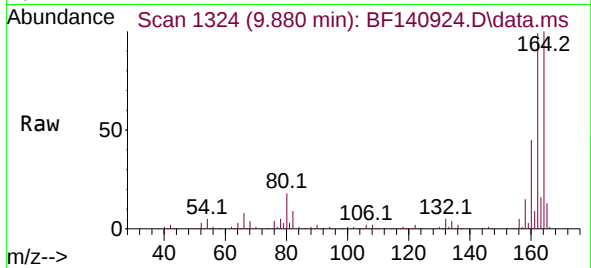




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

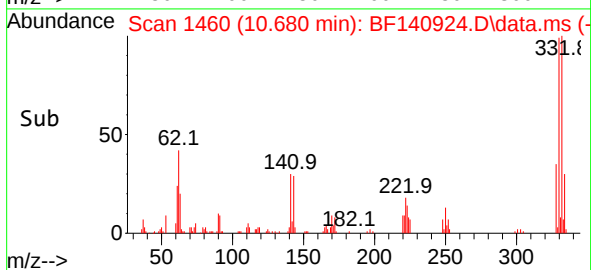
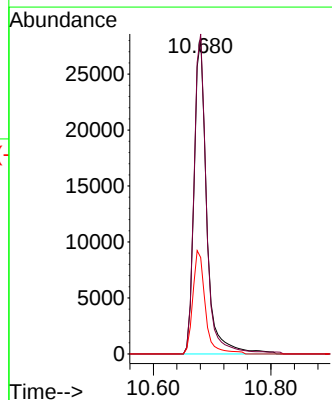
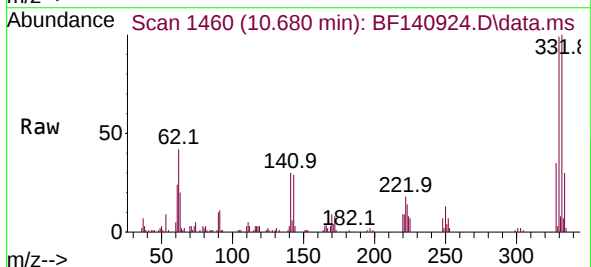
Instrument :
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ClientSampleId :
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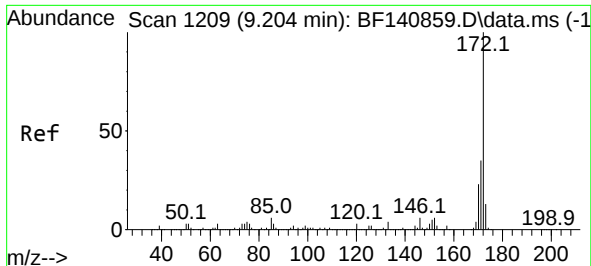
Tgt Ion:164 Resp: 131466
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 44.5 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 27.106 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

Tgt Ion:330 Resp: 42146
Ion Ratio Lower Upper
330 100
332 98.9 76.2 114.4
141 32.2 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 20.773 ng

RT: 9.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140924.D

Acq: 19 Dec 2024 14:21

Instrument :

BNA_F

ClientSampleId :

MW3-20241213DL

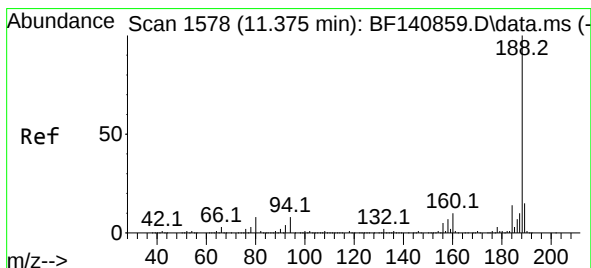
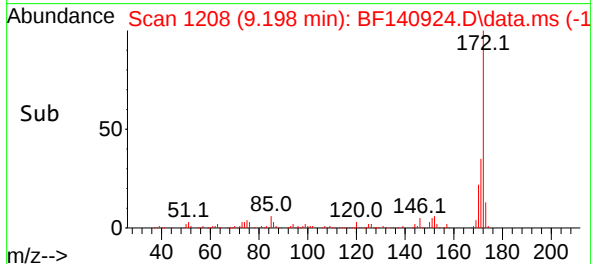
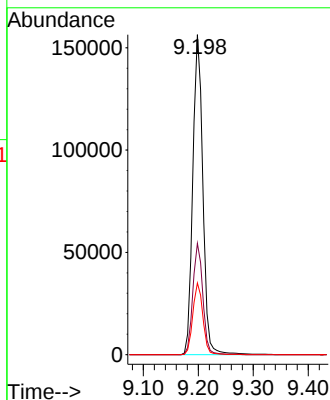
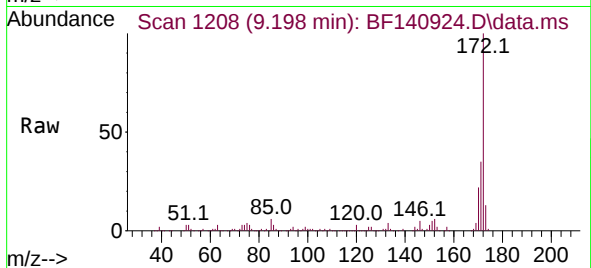
Tgt Ion:172 Resp: 198635

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 22.4 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140924.D

Acq: 19 Dec 2024 14:21

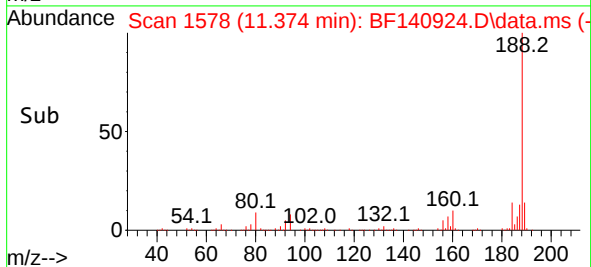
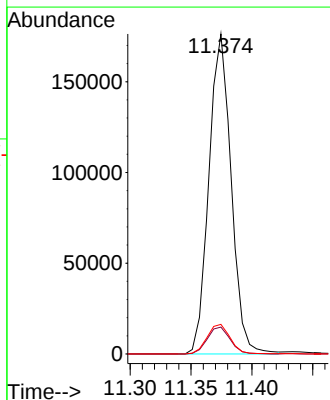
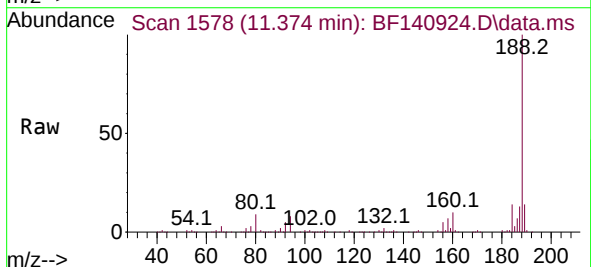
Tgt Ion:188 Resp: 224739

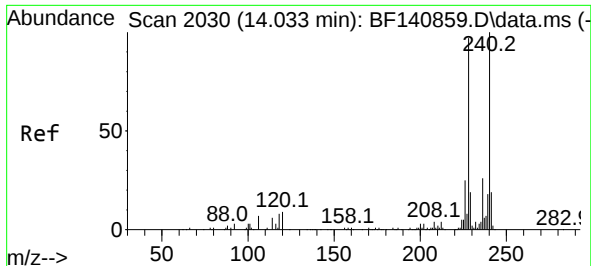
Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.3 6.8 10.2

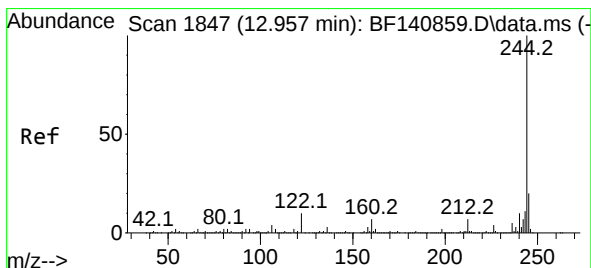
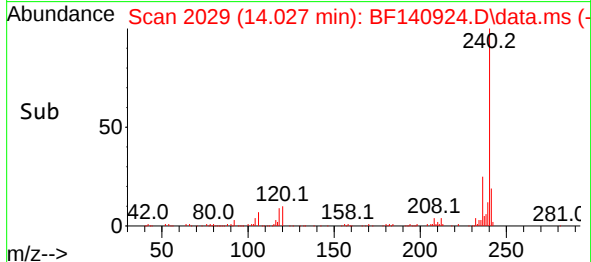
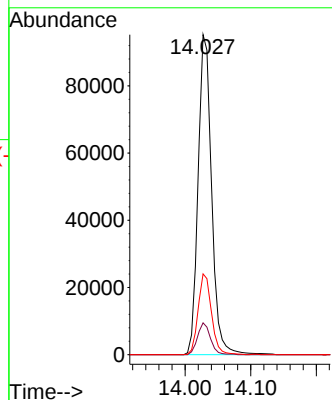
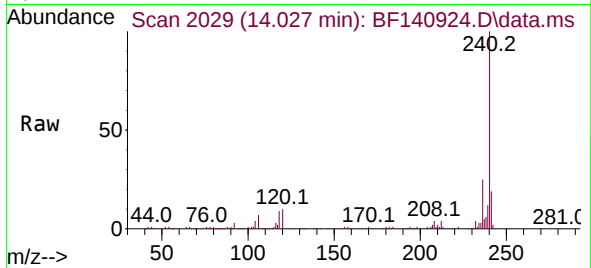




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

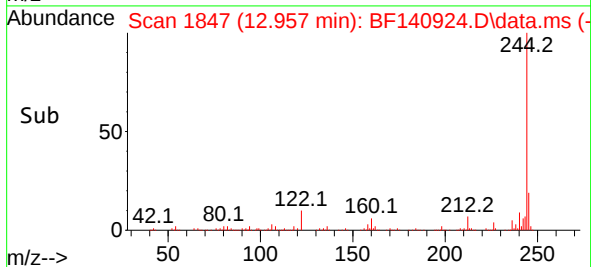
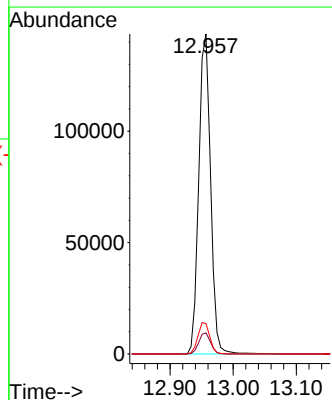
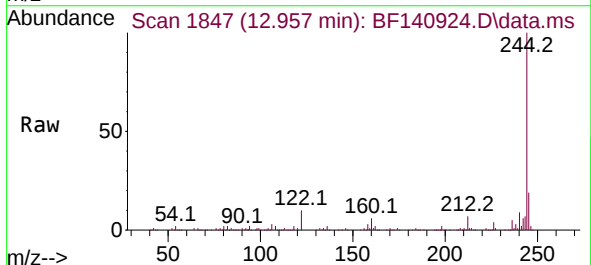
Instrument :
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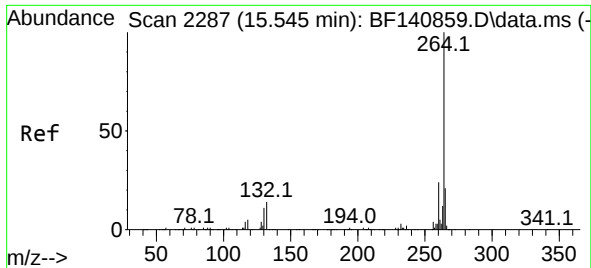
Tgt Ion:240 Resp: 136937
Ion Ratio Lower Upper
240 100
120 10.0 7.6 11.4
236 25.3 20.5 30.7



#79
Terphenyl-d14
Concen: 21.454 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140924.D
Acq: 19 Dec 2024 14:21

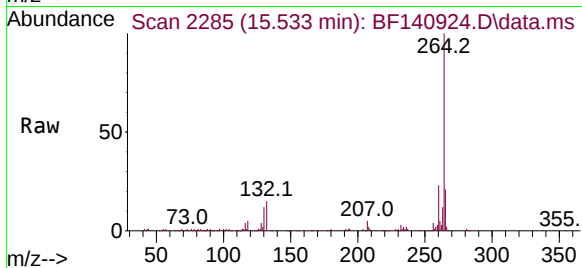
Tgt Ion:244 Resp: 186313
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 9.5 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF140924.D
 Acq: 19 Dec 2024 14:21

Instrument :
 BNA_F
 ClientSampleId :
 MW3-20241213DL



Tgt Ion:264 Resp: 140691
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.1 17.0 25.4

