

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140914.D
 Acq On : 18 Dec 2024 18:56
 Operator : RC/JU
 Sample : P5291-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW6-20241213

Quant Time: Dec 19 00:17:02 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)

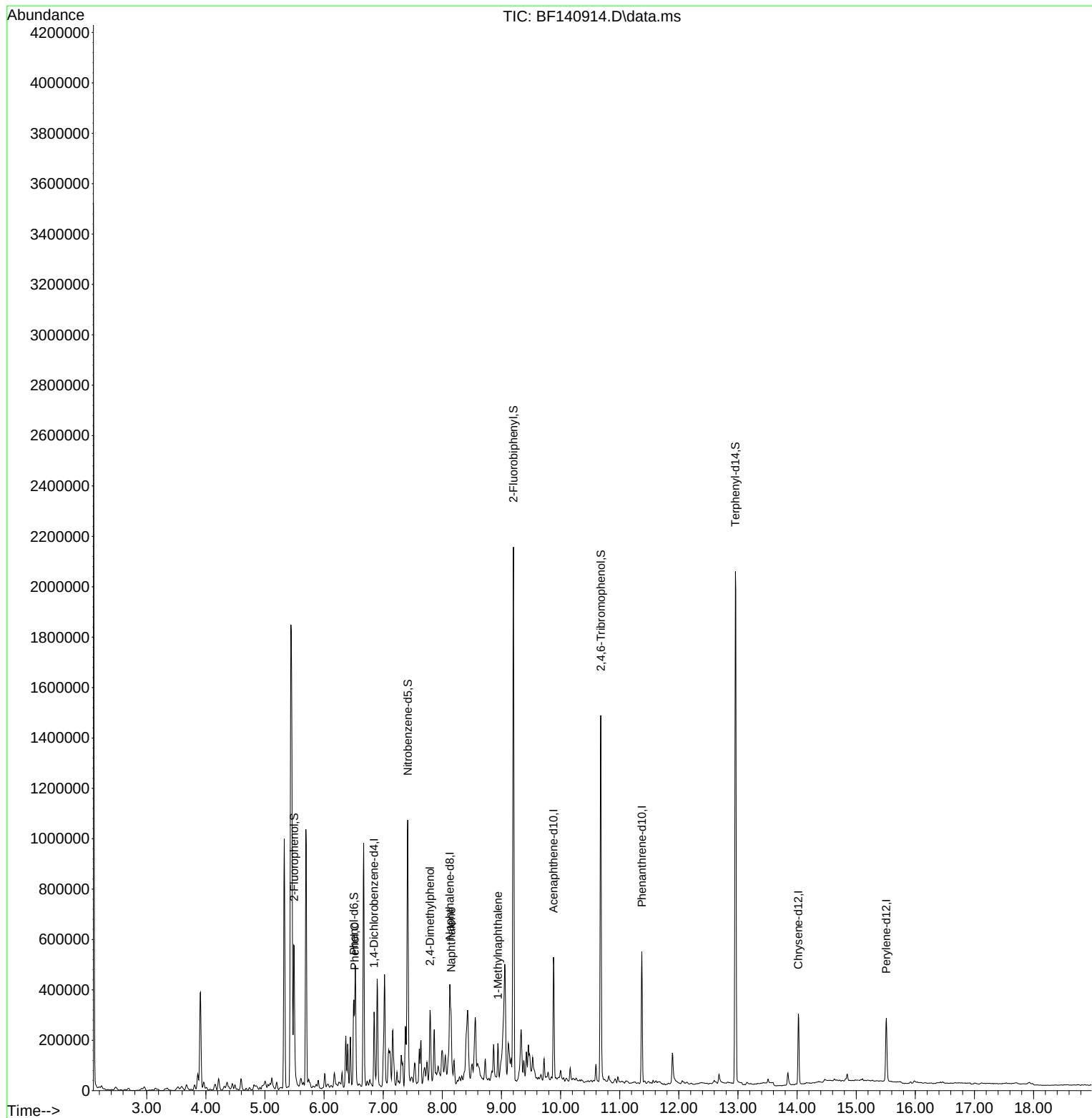
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	62895	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	213782	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	145598	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	265192	20.000	ng	0.00
76) Chrysene-d12	14.021	240	138770	20.000	ng	-0.01
86) Perylene-d12	15.510	264	153106	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	268048	70.158	ng	0.00
7) Phenol-d6	6.504	99	199564	39.436	ng	0.00
23) Nitrobenzene-d5	7.416	82	438495	102.620	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	265882	154.402	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	951746	89.871	ng	0.00
79) Terphenyl-d14	12.957	244	1045841	118.841	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	18043	3.440	ng	# 78
27) 2,4-Dimethylphenol	7.792	122	56036	23.799	ng	99
31) Naphthalene	8.151	128	134786	11.478	ng	99
38) 1-Methylnaphthalene	8.939	142	21164	2.755	ng	99

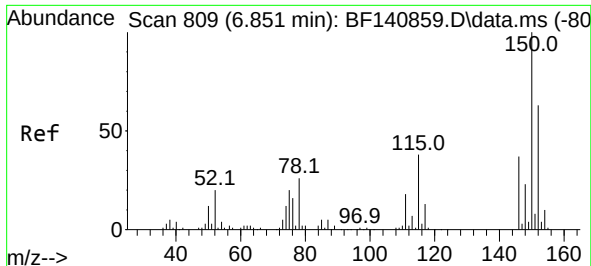
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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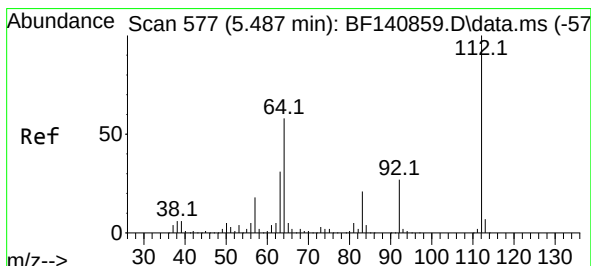
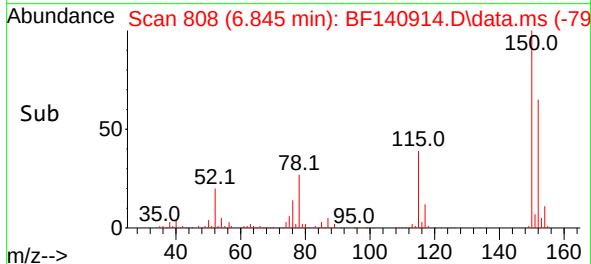
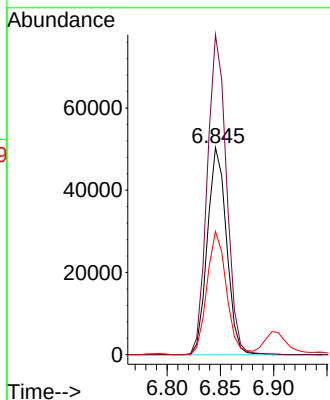
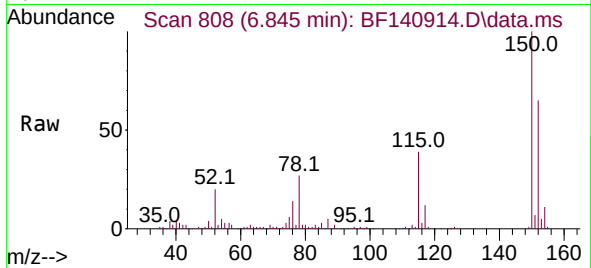




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

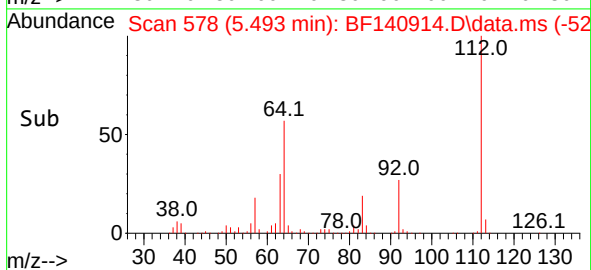
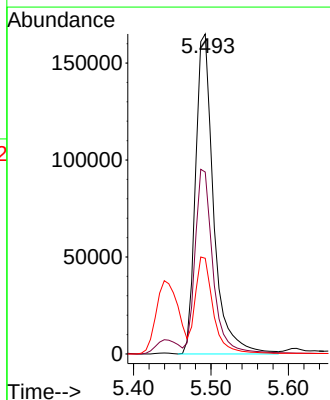
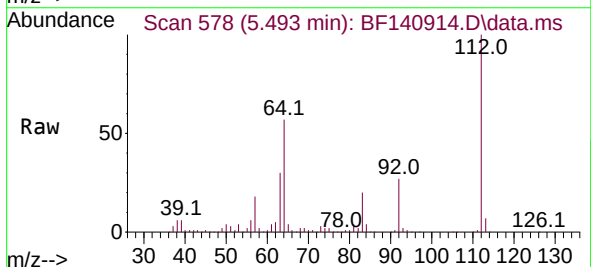
Instrument :
BNA_F
ClientSampleId :
MW6-20241213

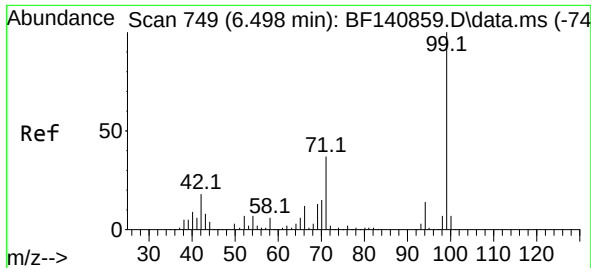
Tgt Ion:152 Resp: 62895
Ion Ratio Lower Upper
152 100
150 154.4 127.9 191.9
115 59.5 48.0 72.0



#5
2-Fluorophenol
Concen: 70.158 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Tgt Ion:112 Resp: 268048
Ion Ratio Lower Upper
112 100
64 56.8 46.1 69.1
63 29.9 24.9 37.3

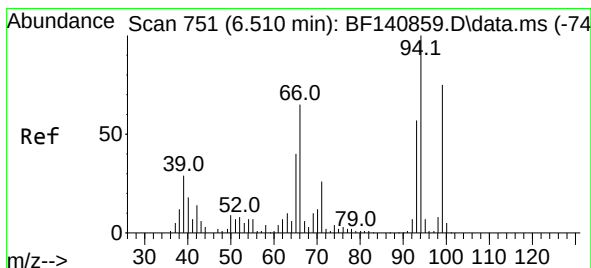
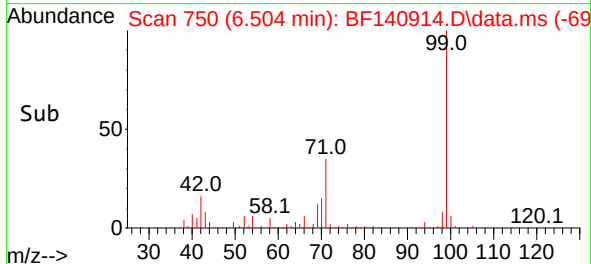
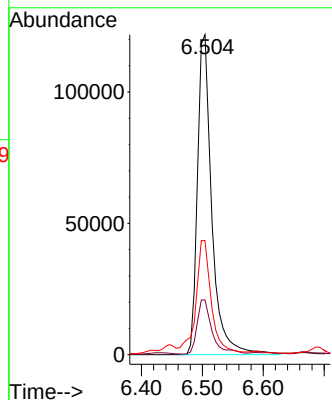
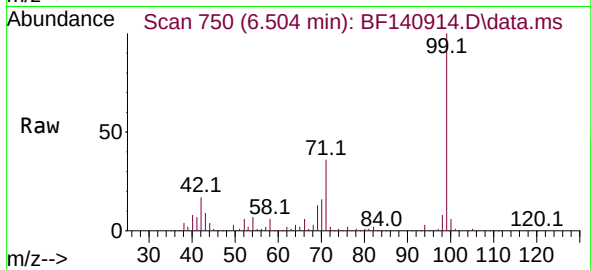




#7
Phenol-d6
Concen: 39.436 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

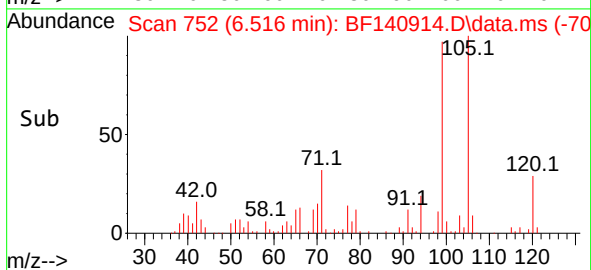
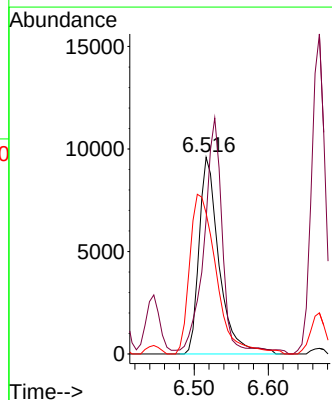
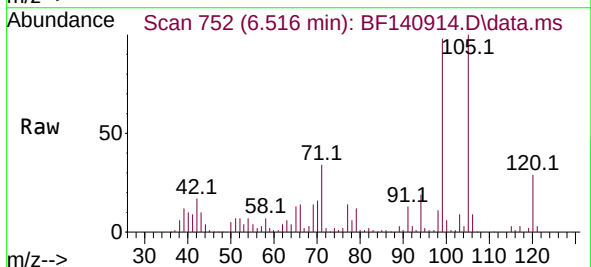
Instrument :
BNA_F
ClientSampleId :
MW6-20241213

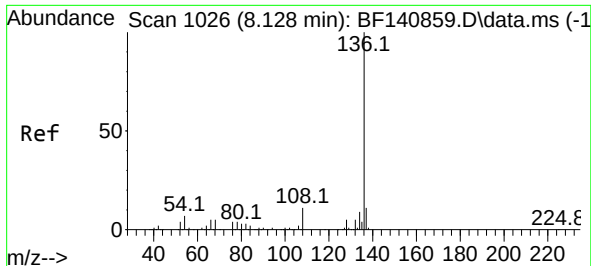
Tgt Ion: 99 Resp: 199564
Ion Ratio Lower Upper
99 100
42 17.1 14.3 21.5
71 35.6 29.9 44.9



#10
Phenol
Concen: 3.440 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Tgt Ion: 94 Resp: 18043
Ion Ratio Lower Upper
94 100
65 68.3 19.9 59.9#
66 71.6 45.6 85.6

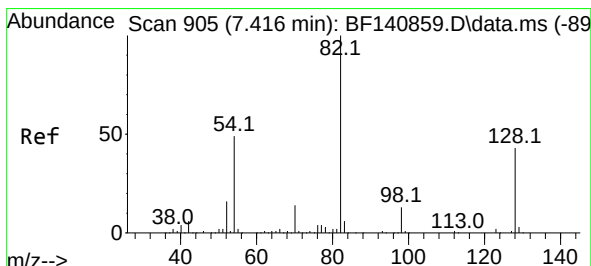
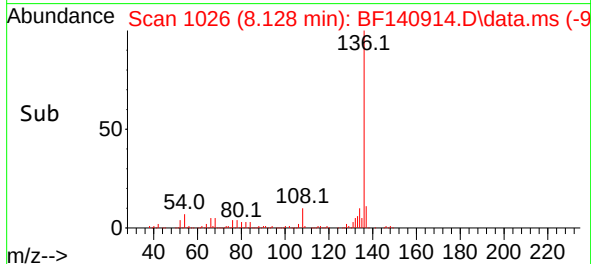
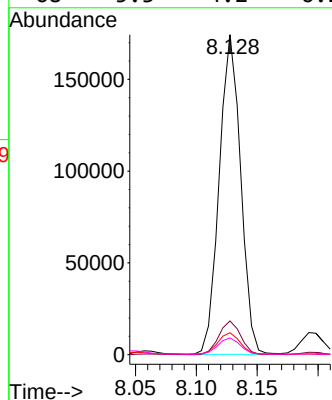
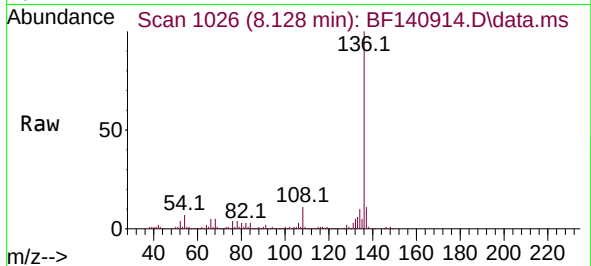




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

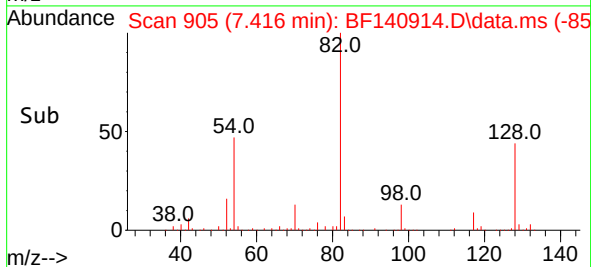
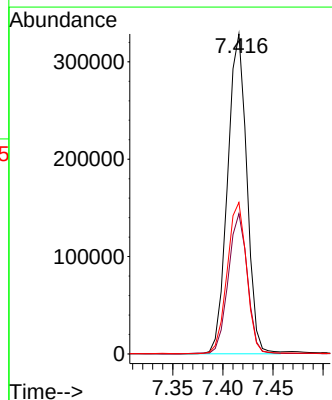
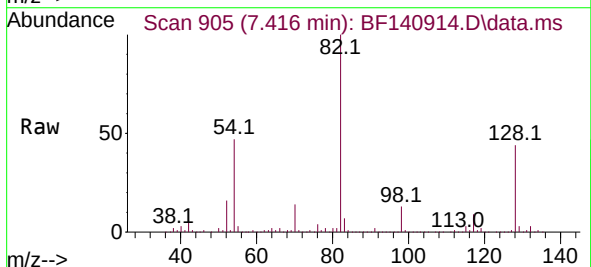
Instrument :
BNA_F
ClientSampleId :
MW6-20241213

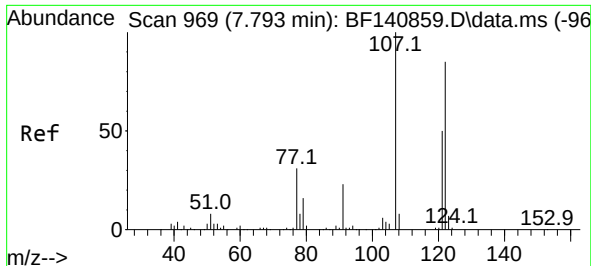
Tgt	Ion:136	Resp:	213782
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.9	5.6	8.4
68	5.3	4.2	6.2



#23
Nitrobenzene-d5
Concen: 102.620 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Tgt Ion: 82	Resp: 438495
Ion Ratio	Lower Upper
82 100	
128 43.9	34.4 51.6
54 47.3	38.8 58.2

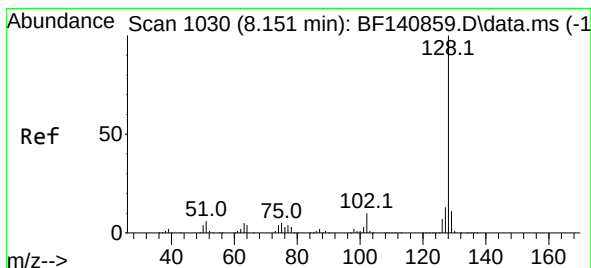
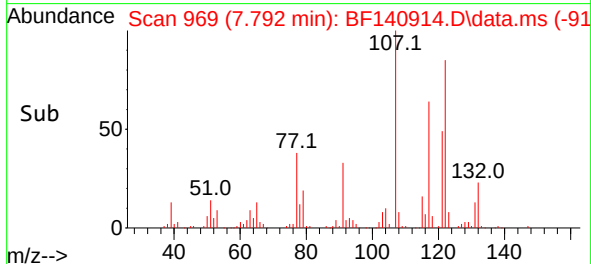
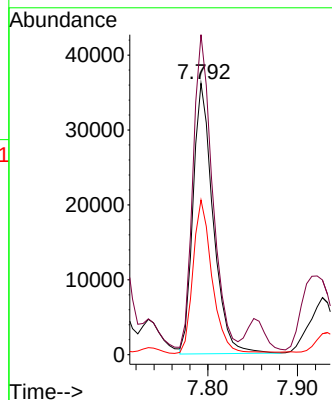
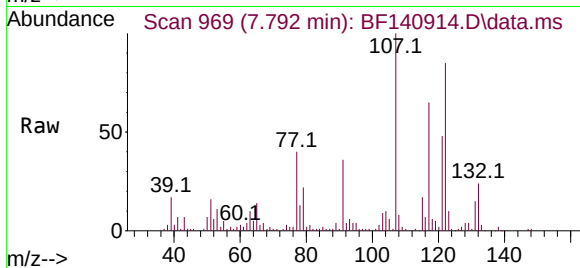




#27
2,4-Dimethylphenol
Concen: 23.799 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

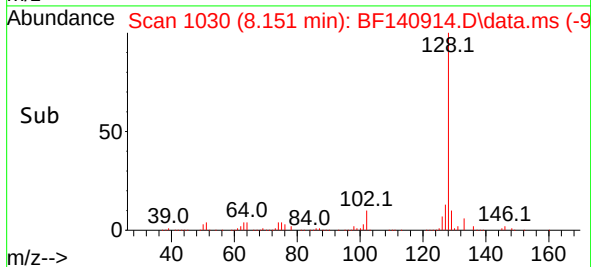
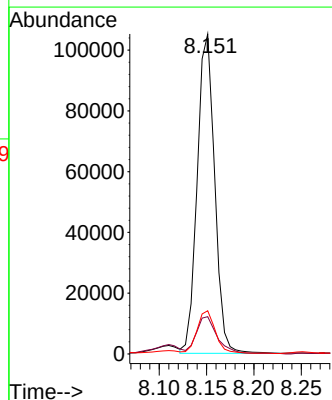
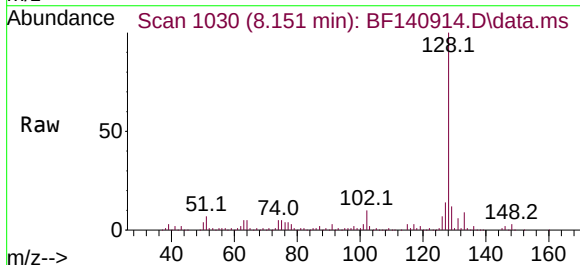
Instrument :
BNA_F
ClientSampleId :
MW6-20241213

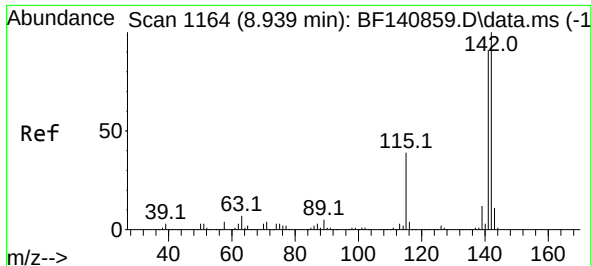
Tgt Ion:122 Resp: 56036
Ion Ratio Lower Upper
122 100
107 117.9 92.6 139.0
121 57.0 45.8 68.8



#31
Naphthalene
Concen: 11.478 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Tgt Ion:128 Resp: 134786
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.5 10.6 16.0

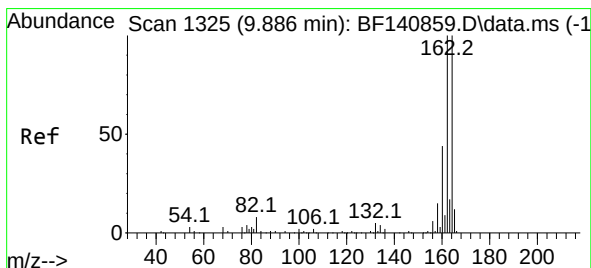
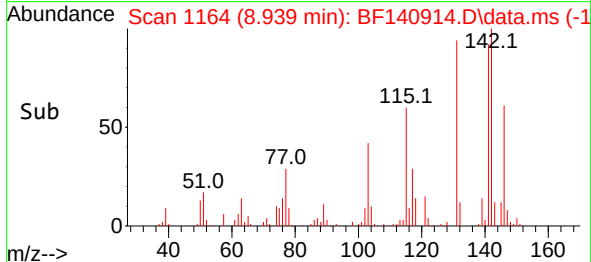
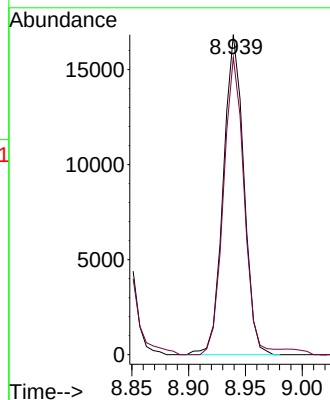
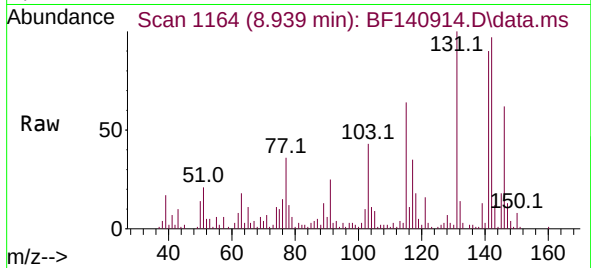




#38
1-Methylnaphthalene
Concen: 2.755 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

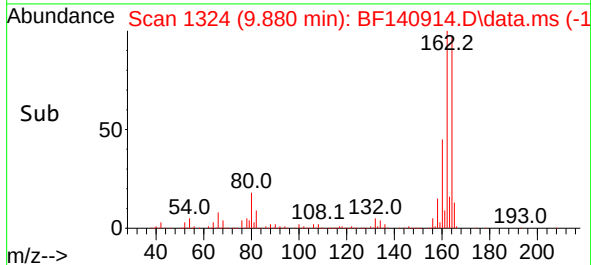
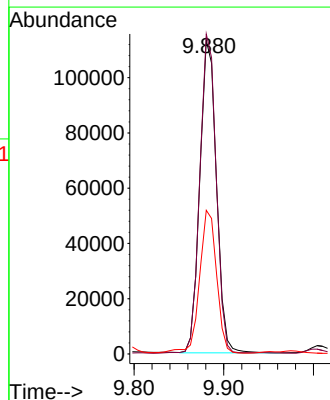
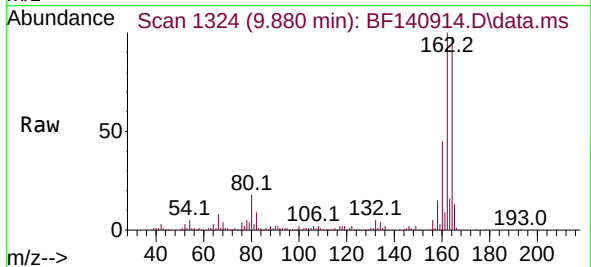
Instrument :
BNA_F
ClientSampleId :
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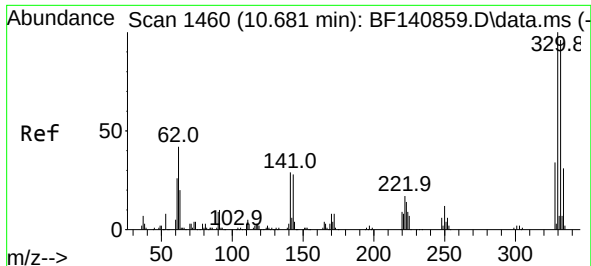
Tgt Ion:142 Resp: 21164
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140914.D
Acq: 18 Dec 2024 18:56

Tgt Ion:164 Resp: 145598
Ion Ratio Lower Upper
164 100
162 102.1 79.9 119.9
160 45.8 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 154.402 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140914.D

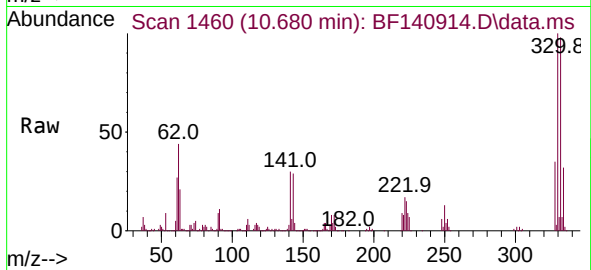
Acq: 18 Dec 2024 18:56

Instrument :

BNA_F

ClientSampleId :

MW6-20241213



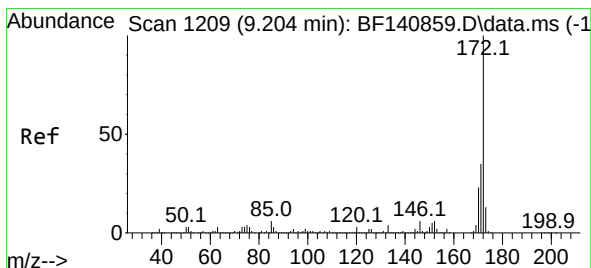
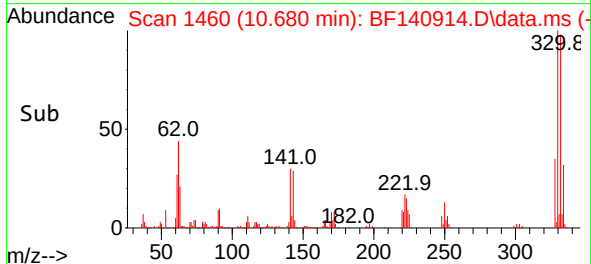
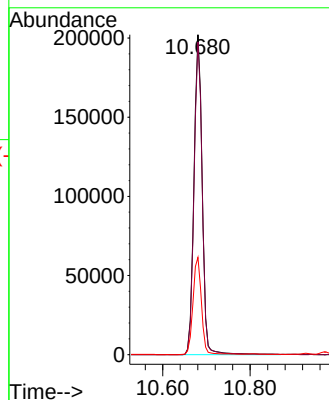
Tgt Ion:330 Resp: 265882

Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.4

141 31.4 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 89.871 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140914.D

Acq: 18 Dec 2024 18:56

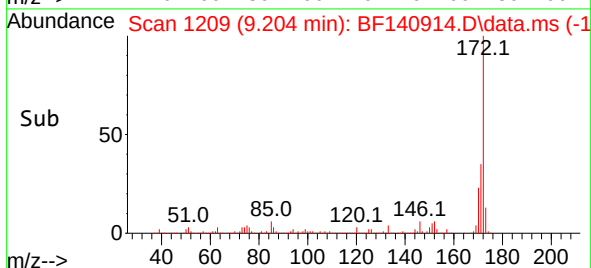
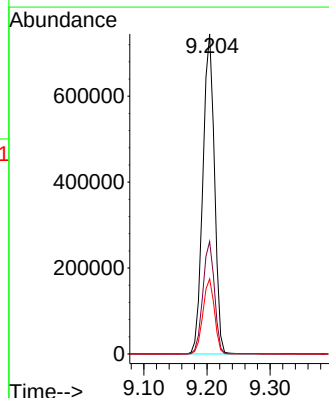
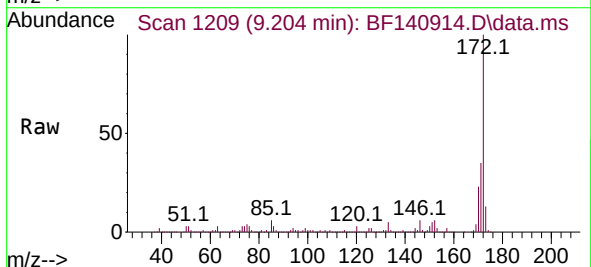
Tgt Ion:172 Resp: 951746

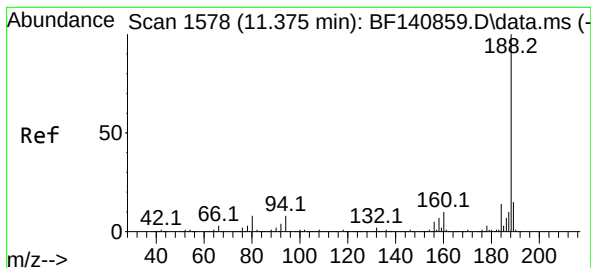
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140914.D

Acq: 18 Dec 2024 18:56

Instrument :

BNA_F

ClientSampleId :

MW6-20241213

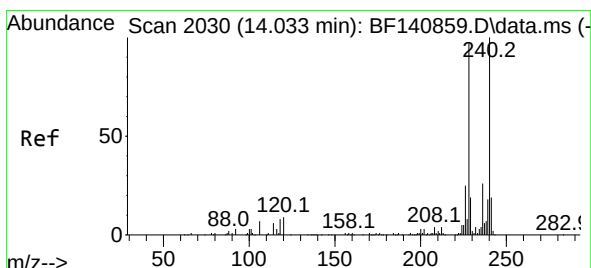
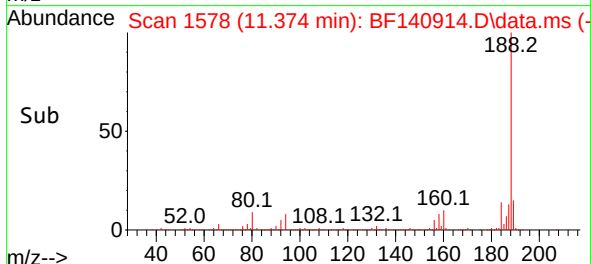
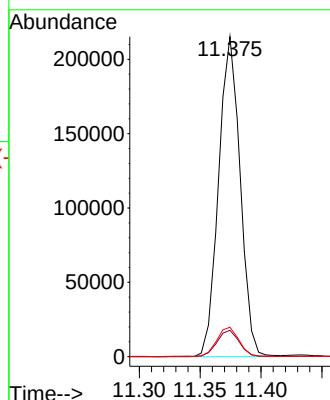
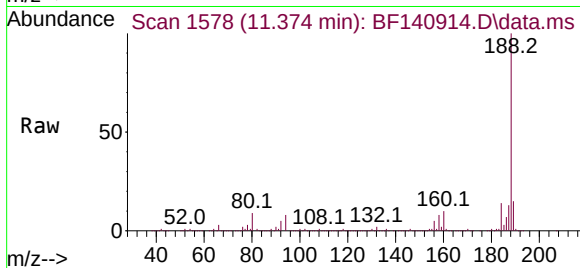
Tgt Ion:188 Resp: 265192

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.2 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: BF140914.D

Acq: 18 Dec 2024 18:56

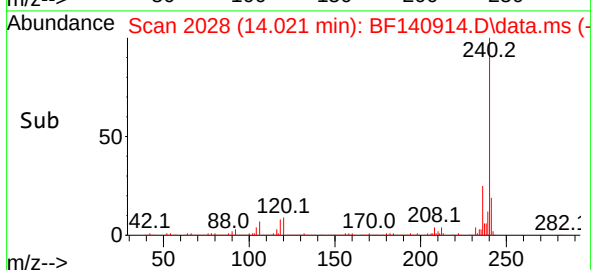
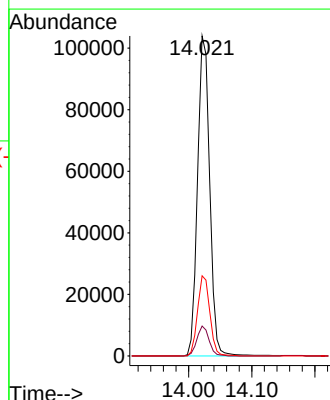
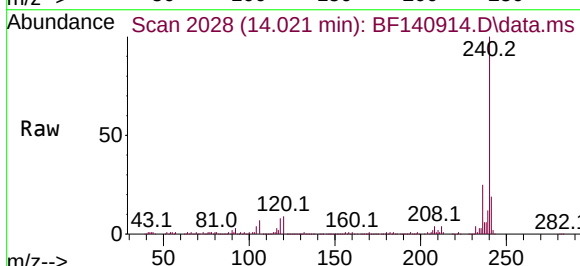
Tgt Ion:240 Resp: 138770

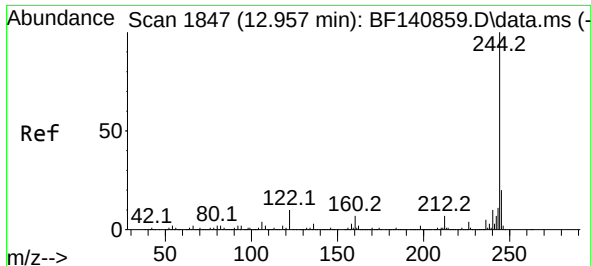
Ion Ratio Lower Upper

240 100

120 9.4 7.6 11.4

236 25.1 20.5 30.7

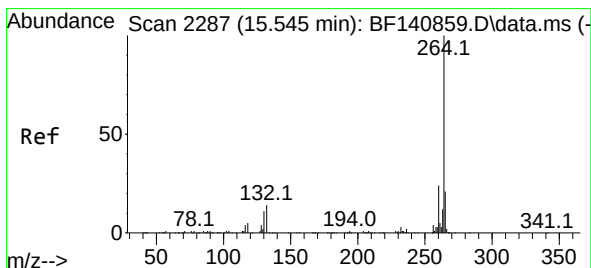
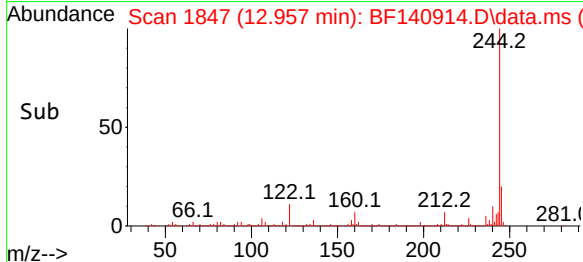
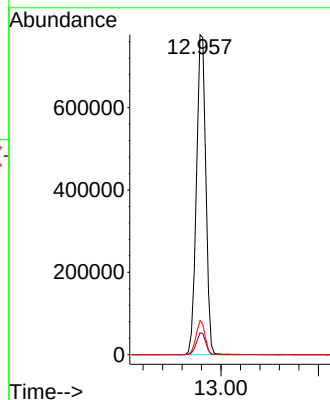
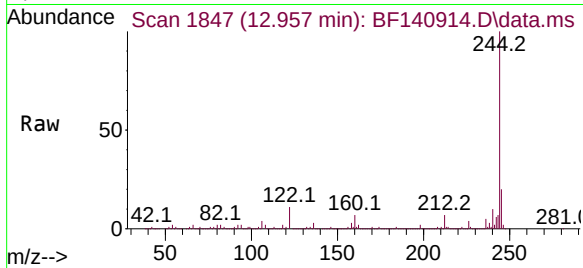




#79
 Terphenyl-d14
 Concen: 118.841 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF140914.D
 Acq: 18 Dec 2024 18:56

Instrument :
 BNA_F
 ClientSampleId :
 MW6-20241213

Tgt Ion:244 Resp: 1045841
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. -0.035 min
 Lab File: BF140914.D
 Acq: 18 Dec 2024 18:56

Tgt Ion:264 Resp: 153106
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.7 17.0 25.4

