

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140904.D
 Acq On : 18 Dec 2024 14:35
 Operator : RC/JU
 Sample : P5270-08DL2 40X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW14-20241212DL2

Quant Time: Dec 18 15:09:05 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)

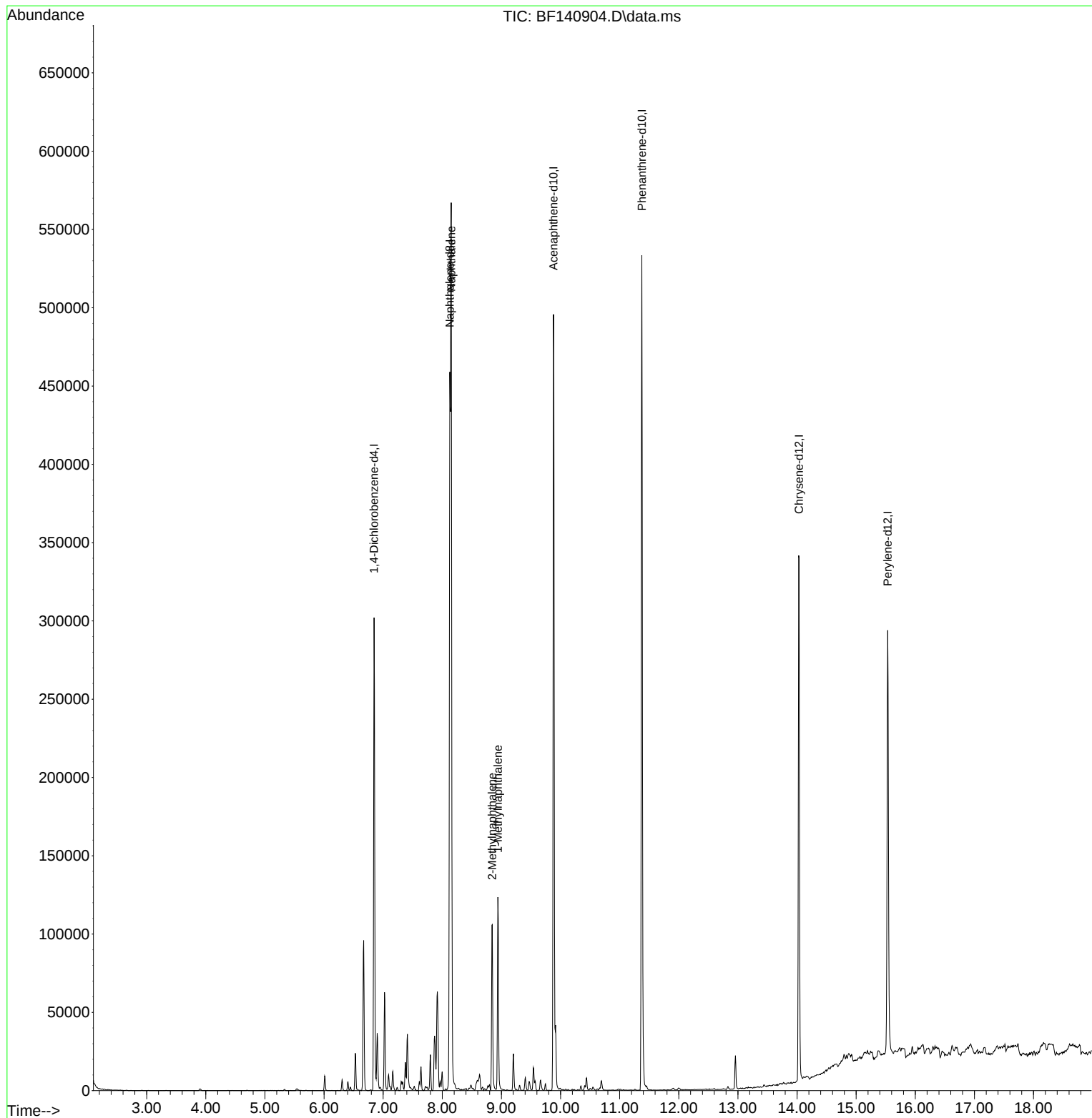
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	68663	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	282504	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	160863	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	301742	20.000	ng	0.00
76) Chrysene-d12	14.033	240	176940	20.000	ng	0.00
86) Perylene-d12	15.533	264	172046	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1690	0.405	ng	0.05
7) Phenol-d6	6.563	99	1238	0.224	ng	0.06
23) Nitrobenzene-d5	7.428	82	4495	0.796	ng	0.01
42) 2,4,6-Tribromophenol	10.692	330	2286	1.202	ng	0.01
45) 2-Fluorobiphenyl	9.204	172	12885	1.101	ng	0.00
79) Terphenyl-d14	12.957	244	13190	1.175	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.151	128	360692	23.243	ng	100
37) 2-Methylnaphthalene	8.845	142	46129	4.494	ng	99
38) 1-Methylnaphthalene	8.939	142	51275	5.051	ng	98

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

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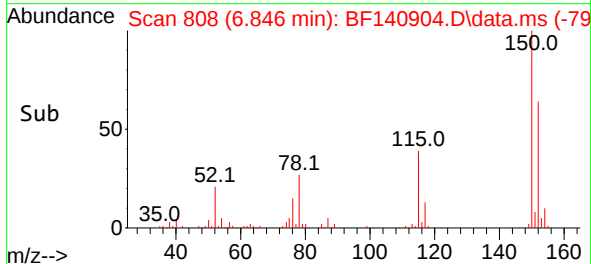
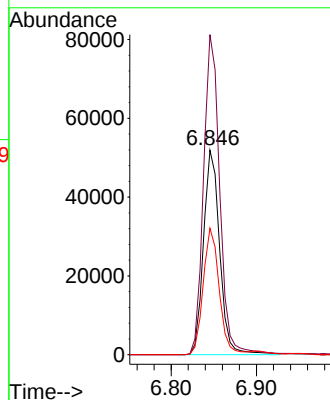
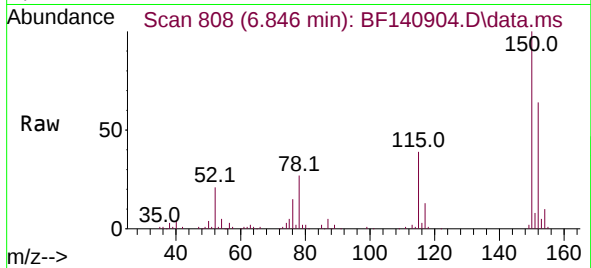




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF140904.D
Acq: 18 Dec 2024 14:35

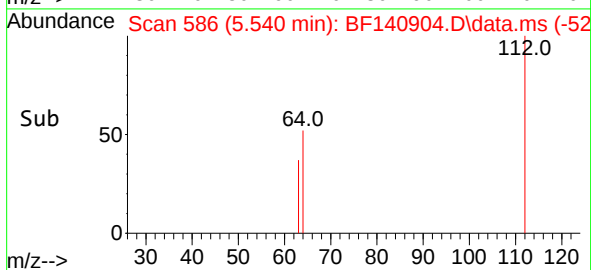
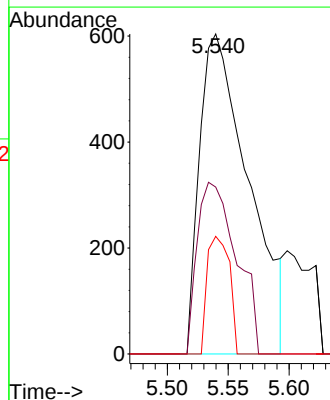
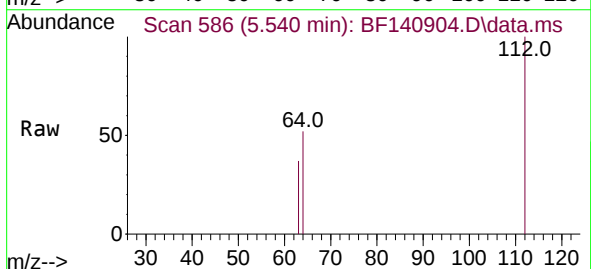
Instrument :
BNA_F
ClientSampleId :
MW14-20241212DL2

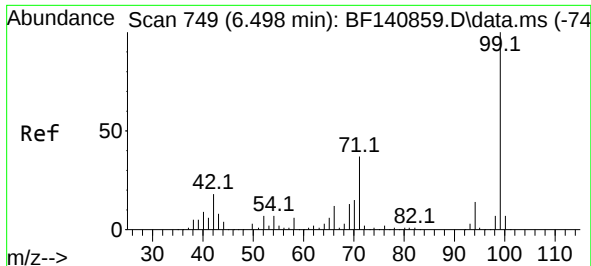
Tgt Ion:152 Resp: 68663
Ion Ratio Lower Upper
152 100
150 156.5 127.9 191.9
115 61.8 48.0 72.0



#5
2-Fluorophenol
Concen: 0.405 ng
RT: 5.540 min Scan# 586
Delta R.T. 0.053 min
Lab File: BF140904.D
Acq: 18 Dec 2024 14:35

Tgt Ion:112 Resp: 1690
Ion Ratio Lower Upper
112 100
64 52.2 46.1 69.1
63 36.8 24.9 37.3

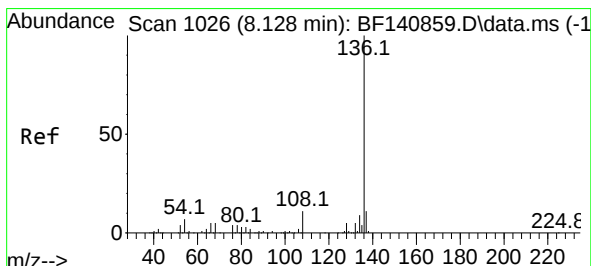
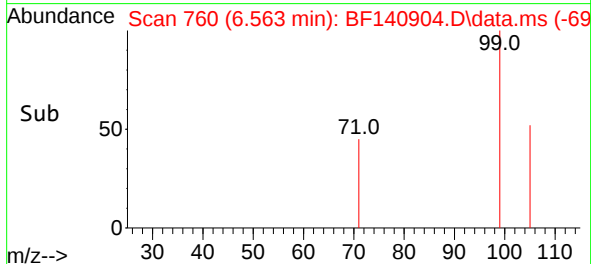
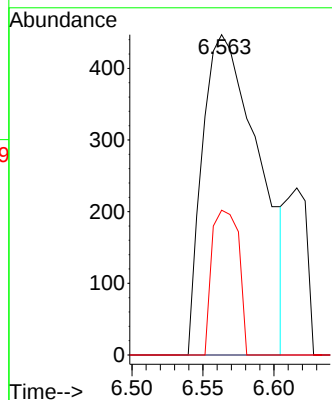
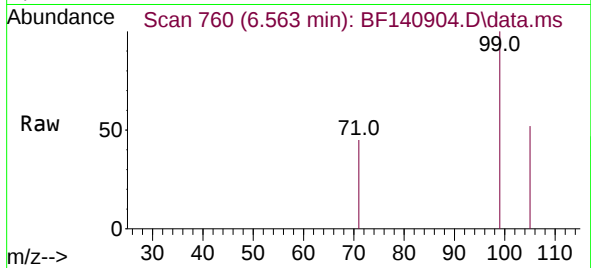




#7
Phenol-d6
Concen: 0.224 ng
RT: 6.563 min Scan# 70
Delta R.T. 0.065 min
Lab File: BF140904.D
Acq: 18 Dec 2024 14:35

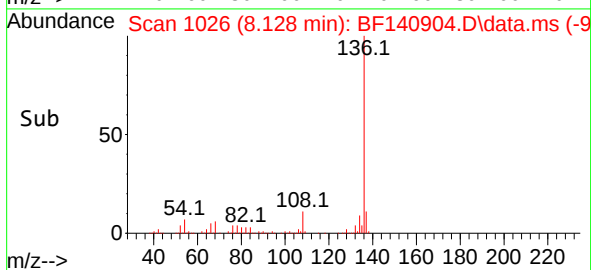
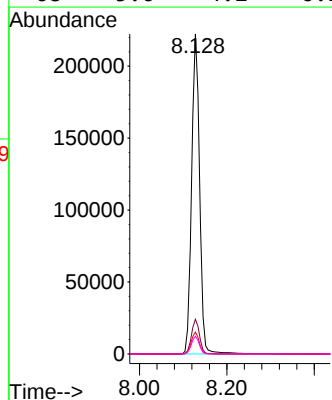
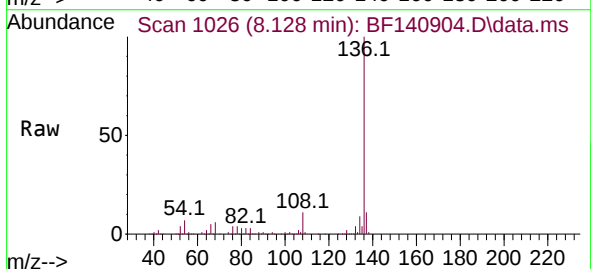
Instrument :
BNA_F
ClientSampleId :
MW14-20241212DL2

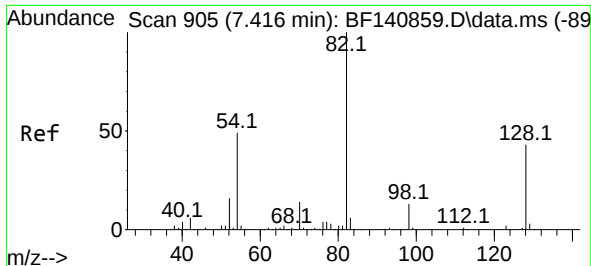
Tgt Ion: 99 Resp: 1238
Ion Ratio Lower Upper
99 100
42 0.0 14.3 21.5#
71 45.2 29.9 44.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140904.D
Acq: 18 Dec 2024 14:35

Tgt Ion: 136 Resp: 282504
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.9 5.6 8.4
68 5.6 4.2 6.2





#23

Nitrobenzene-d5

Concen: 0.796 ng

RT: 7.428 min Scan# 90

Delta R.T. 0.012 min

Lab File: BF140904.D

Acq: 18 Dec 2024 14:35

Instrument :

BNA_F

ClientSampleId :

MW14-20241212DL2

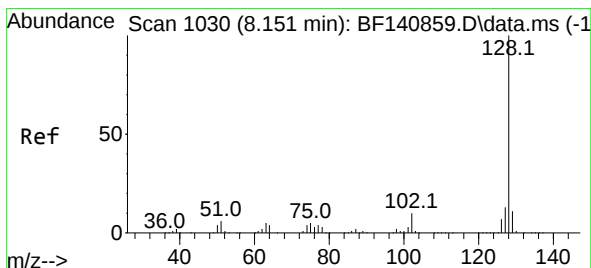
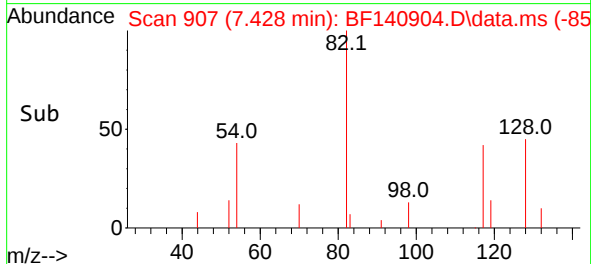
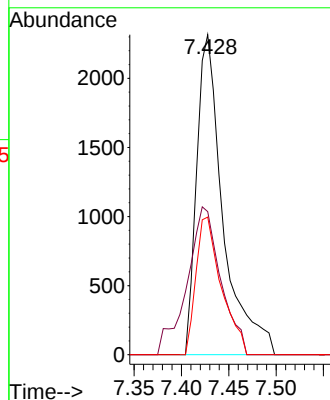
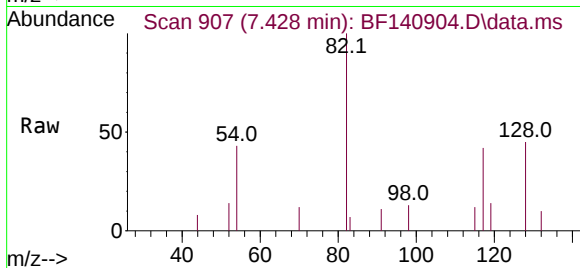
Tgt Ion: 82 Resp: 4495

Ion Ratio Lower Upper

82 100

128 44.7 34.4 51.6

54 43.0 38.8 58.2



#31

Naphthalene

Concen: 23.243 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF140904.D

Acq: 18 Dec 2024 14:35

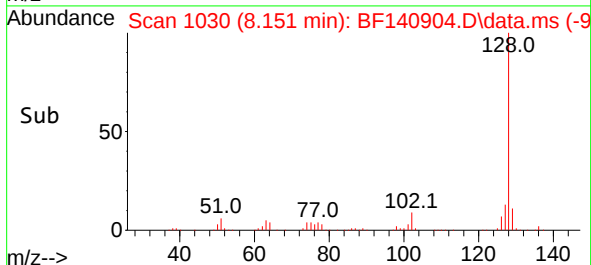
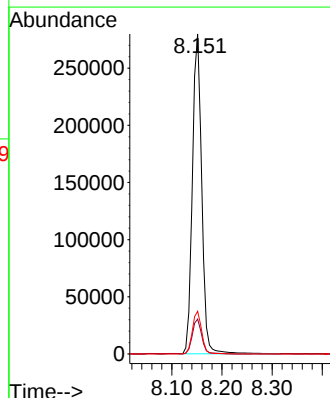
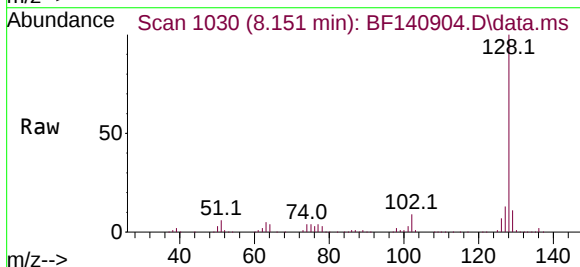
Tgt Ion:128 Resp: 360692

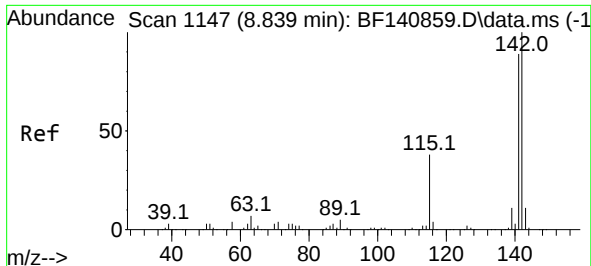
Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.3 10.6 16.0





#37

2-Methylnaphthalene

Concen: 4.494 ng

RT: 8.845 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF140904.D

Acq: 18 Dec 2024 14:35

Instrument :

BNA_F

ClientSampleId :

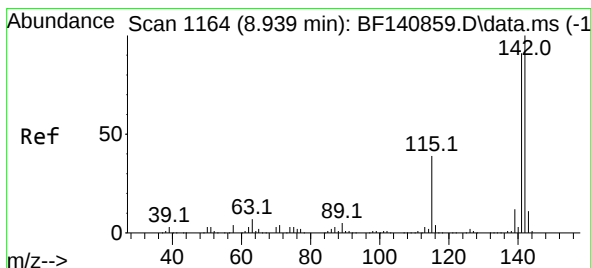
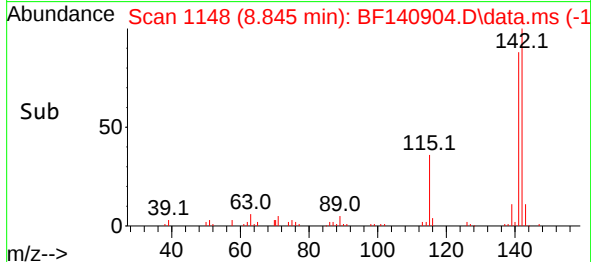
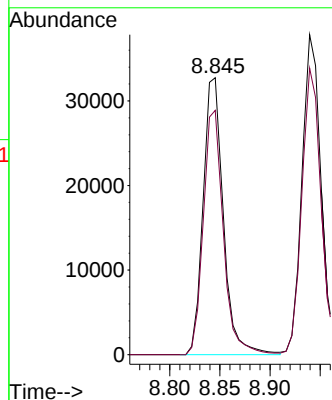
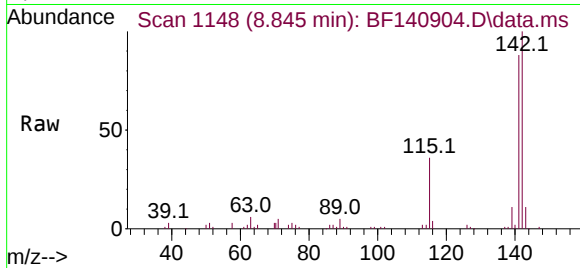
MW14-20241212DL2

Tgt Ion:142 Resp: 46129

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 5.051 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140904.D

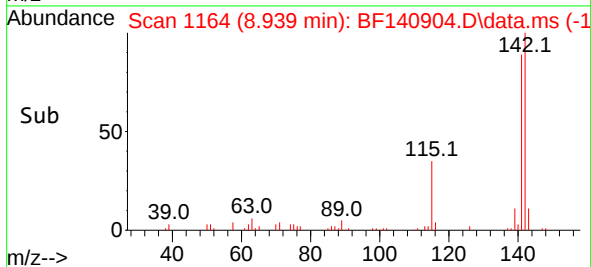
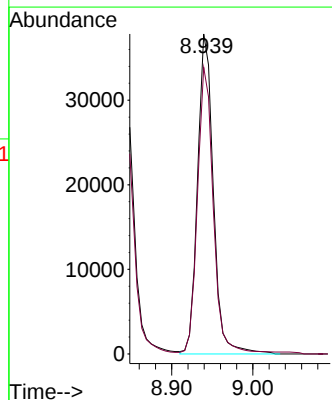
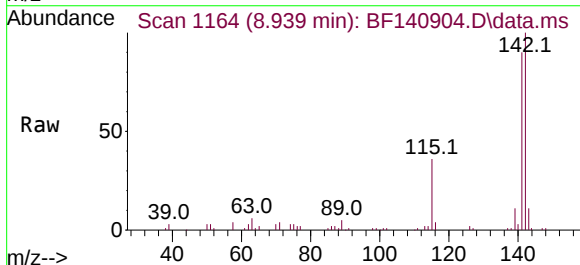
Acq: 18 Dec 2024 14:35

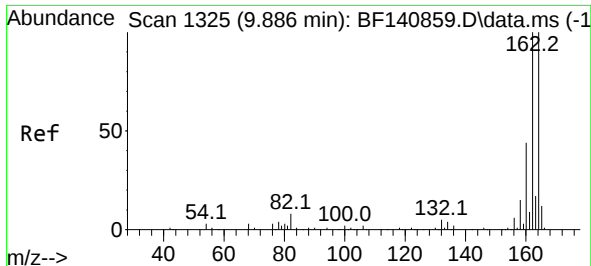
Tgt Ion:142 Resp: 51275

Ion Ratio Lower Upper

142 100

141 89.5 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140904.D

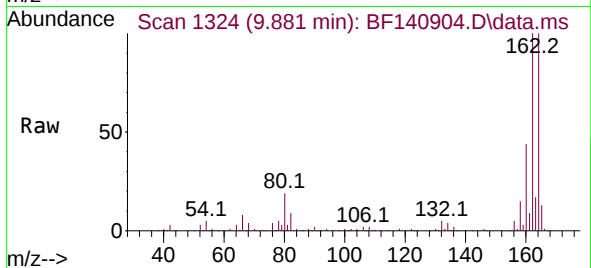
Acq: 18 Dec 2024 14:35

Instrument :

BNA_F

ClientSampleId :

MW14-20241212DL2



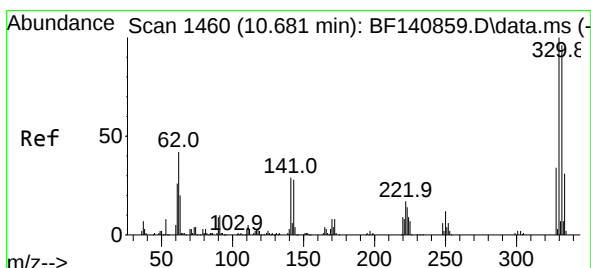
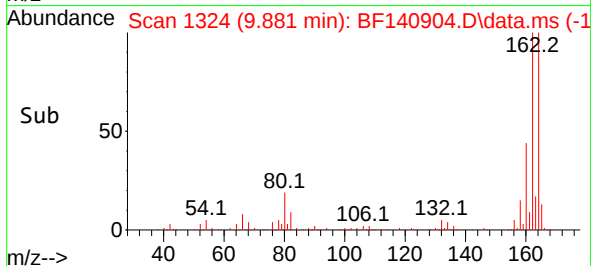
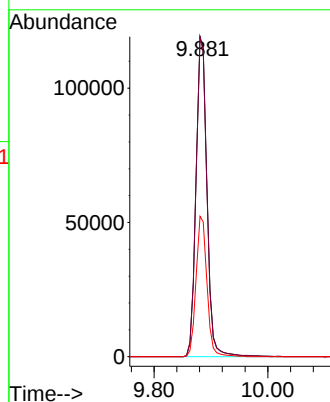
Tgt Ion:164 Resp: 160863

Ion Ratio Lower Upper

164 100

162 99.8 79.9 119.9

160 43.8 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 1.202 ng

RT: 10.692 min Scan# 1462

Delta R.T. 0.012 min

Lab File: BF140904.D

Acq: 18 Dec 2024 14:35

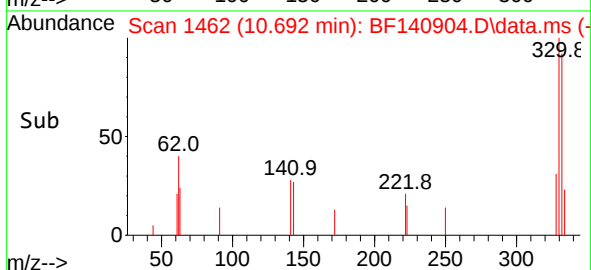
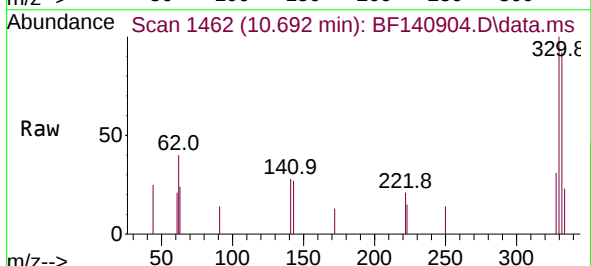
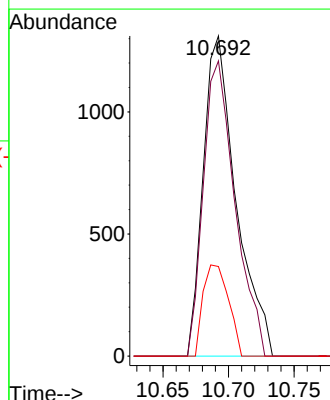
Tgt Ion:330 Resp: 2286

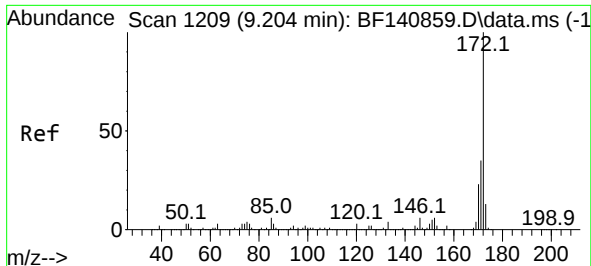
Ion Ratio Lower Upper

330 100

332 88.9 76.2 114.4

141 22.0 24.9 37.3#

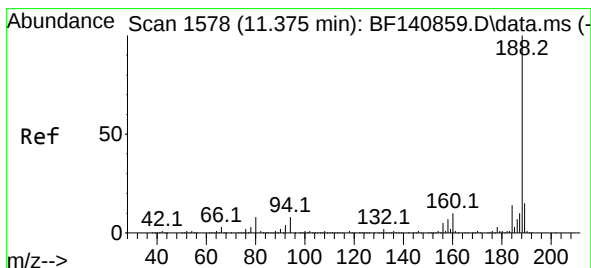
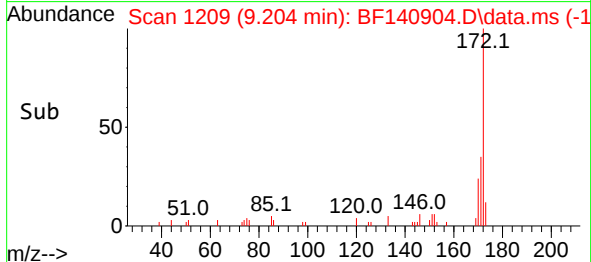
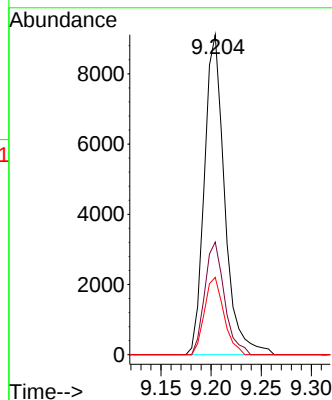
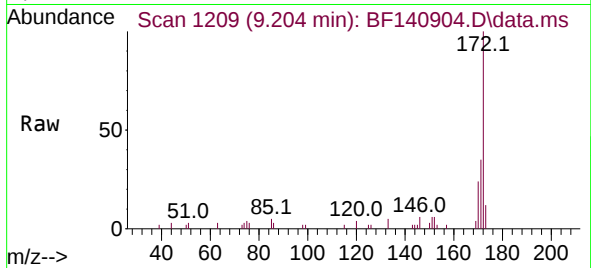




#45
2-Fluorobiphenyl
Concen: 1.101 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140904.D
Acq: 18 Dec 2024 14:35

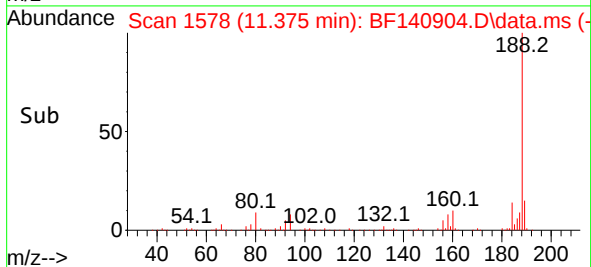
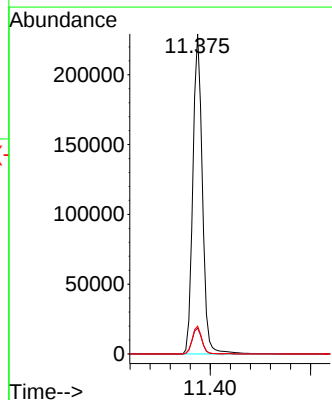
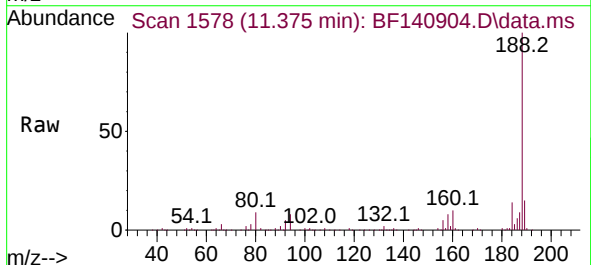
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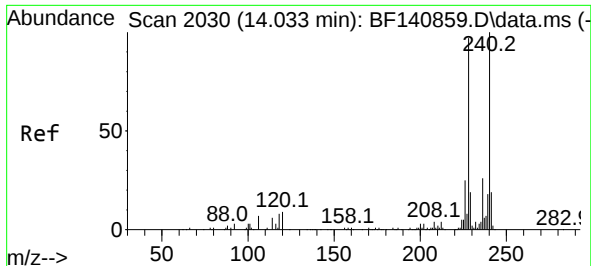
Tgt Ion:172 Resp: 12885
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 24.2 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140904.D
Acq: 18 Dec 2024 14:35

Tgt Ion:188 Resp: 301742
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.7 6.8 10.2

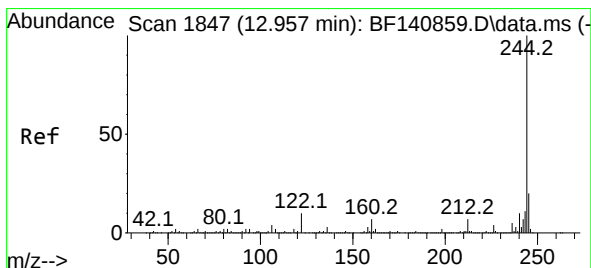
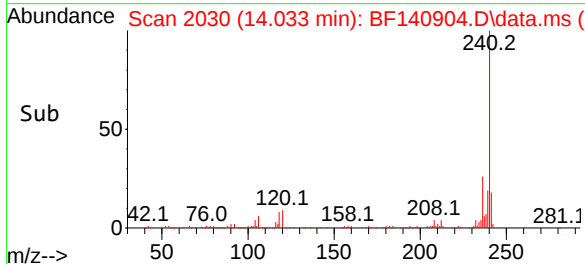
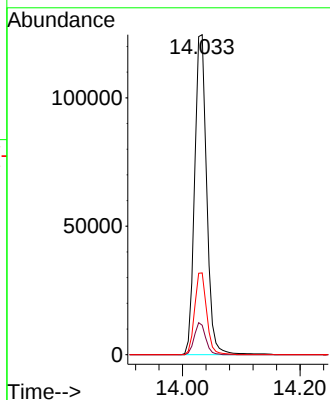
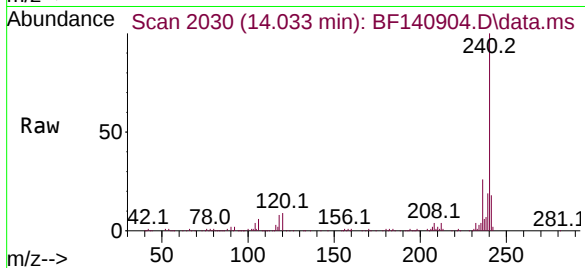




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF140904.D
Acq: 18 Dec 2024 14:35

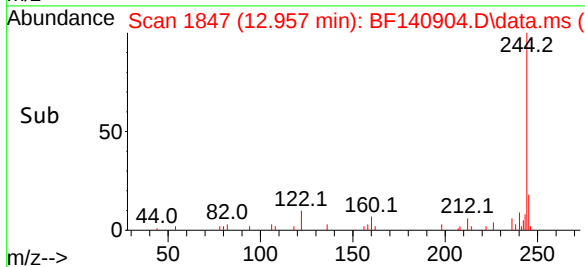
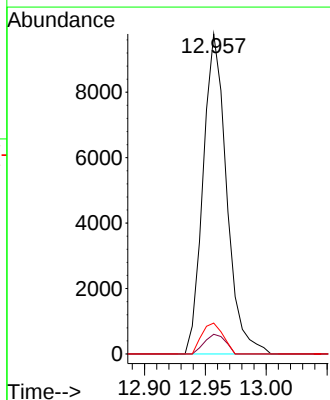
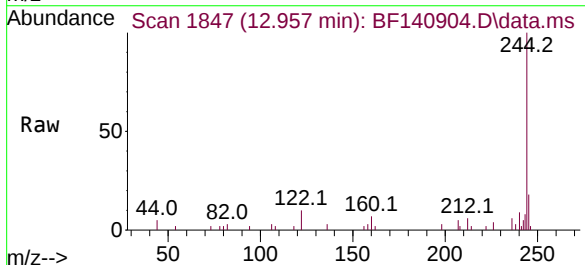
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MW14-20241212DL2

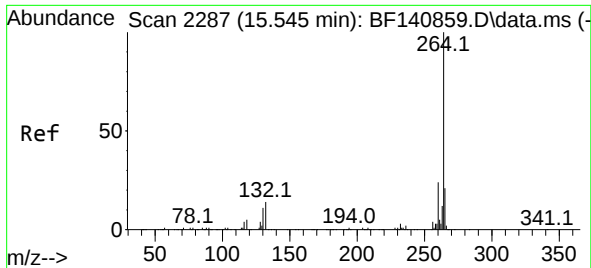
Tgt Ion:240 Resp: 176940
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 1.175 ng
RT: 12.957 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BF140904.D
Acq: 18 Dec 2024 14:35

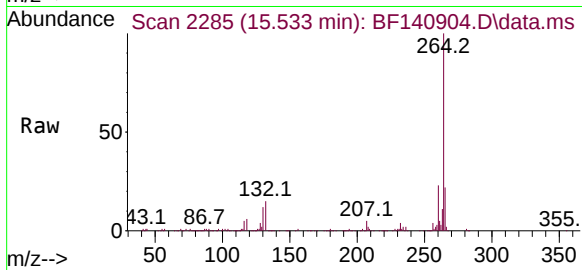
Tgt Ion:244 Resp: 13190
Ion Ratio Lower Upper
244 100
212 6.2 5.6 8.4
122 9.6 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF140904.D
 Acq: 18 Dec 2024 14:35

Instrument :
 BNA_F
 ClientSampleId :
 MW14-20241212DL2



Tgt Ion:264 Resp: 172046
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.6 17.0 25.4

