

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140953.D
 Acq On : 20 Dec 2024 16:21
 Operator : RC/JU
 Sample : P5306-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-08-121224

Quant Time: Dec 20 17:08:52 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	51335	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	204800	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	121841	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	231777	20.000	ng	0.00
76) Chrysene-d12	14.027	240	149412	20.000	ng	0.00
86) Perylene-d12	15.521	264	128778	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	501225	160.730	ng	0.01
7) Phenol-d6	6.504	99	663371	160.608	ng	0.00
23) Nitrobenzene-d5	7.416	82	433473	105.894	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	232425	161.291	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	857748	96.788	ng	0.00
79) Terphenyl-d14	12.963	244	991014	104.590	ng	0.00

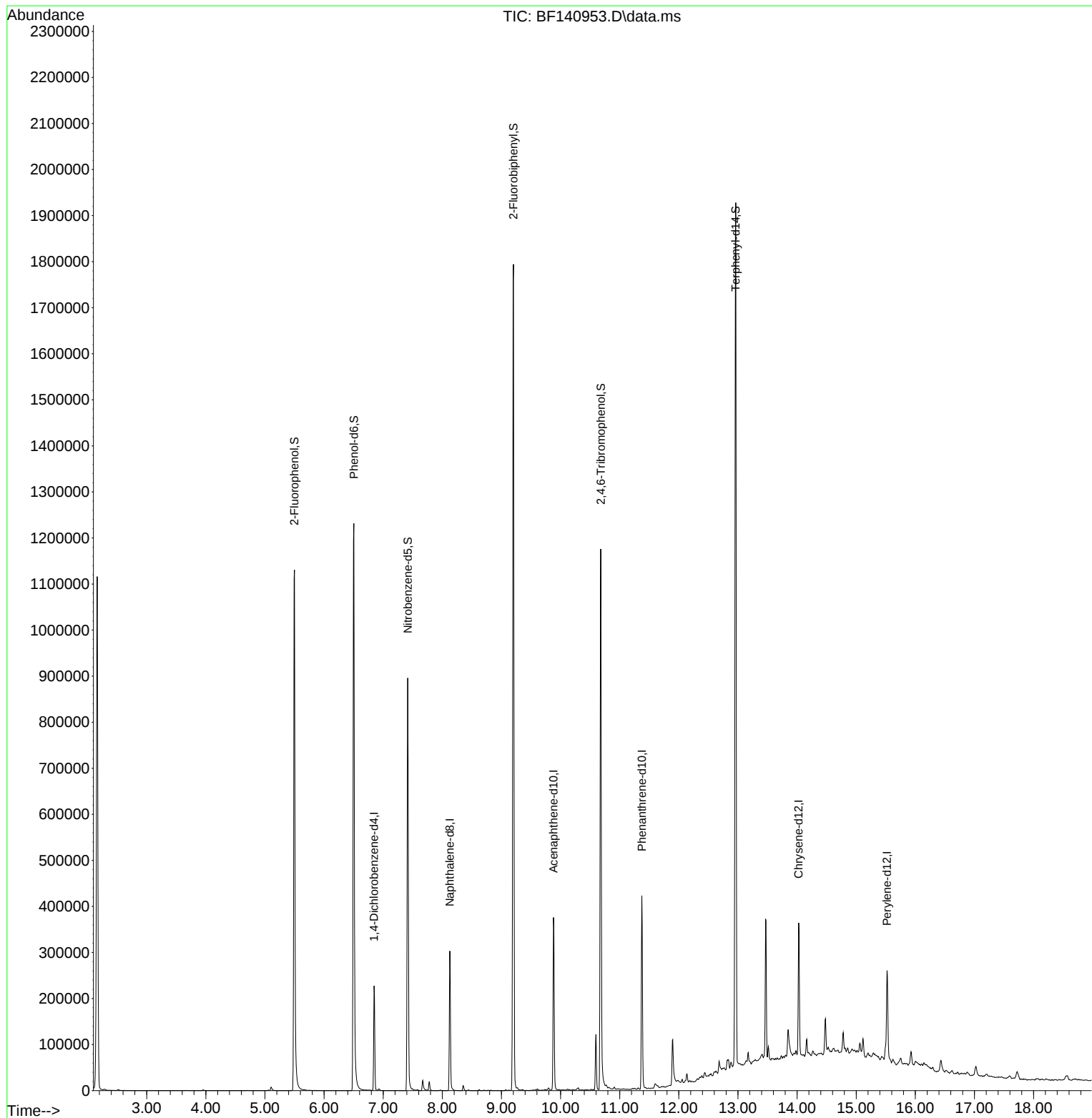
Target Compounds	Qvalue

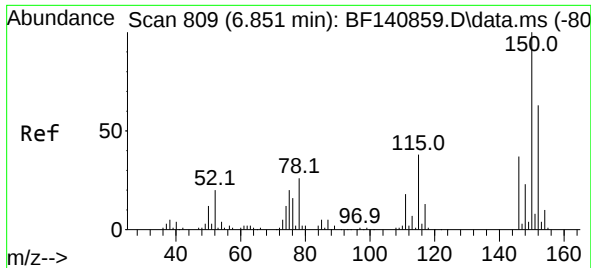
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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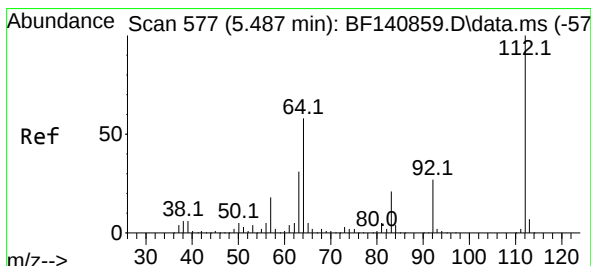
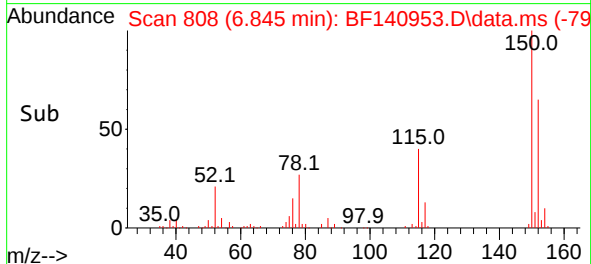
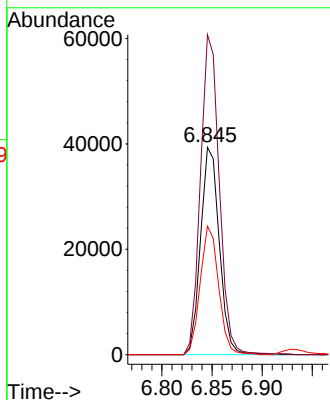
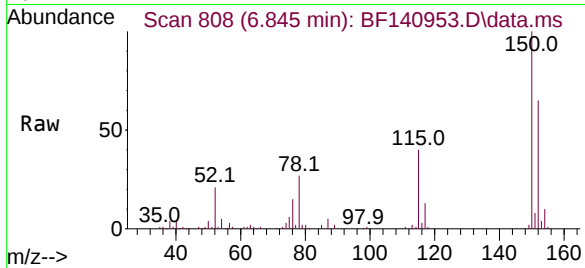




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

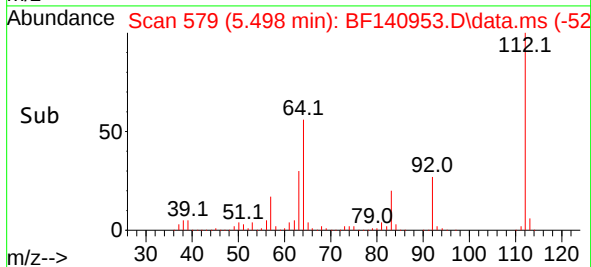
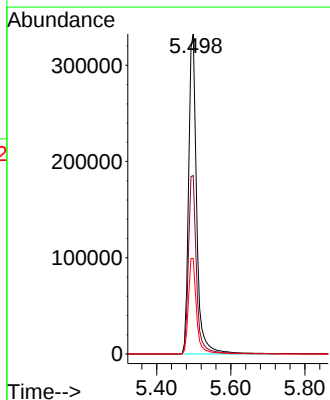
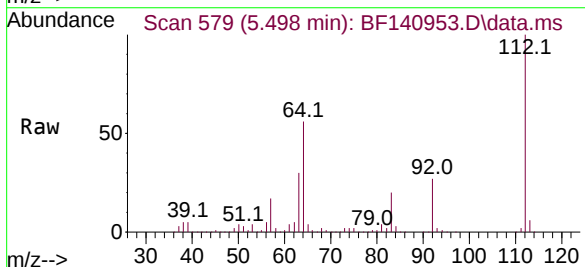
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-08-121224

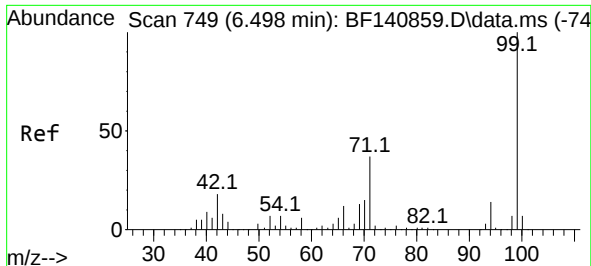
Tgt Ion:152 Resp: 51335
Ion Ratio Lower Upper
152 100
150 154.3 127.9 191.9
115 62.0 48.0 72.0



#5
2-Fluorophenol
Concen: 160.730 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

Tgt Ion:112 Resp: 501225
Ion Ratio Lower Upper
112 100
64 55.7 46.1 69.1
63 29.8 24.9 37.3

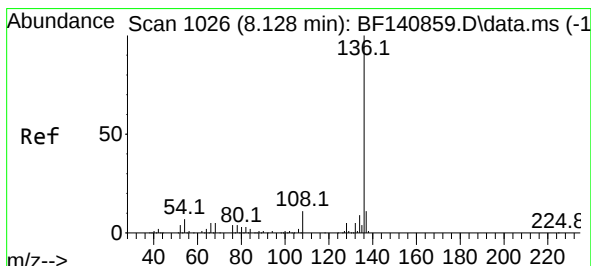
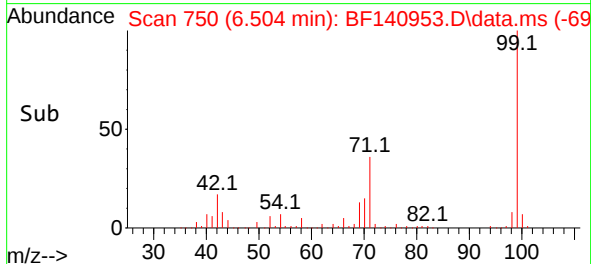
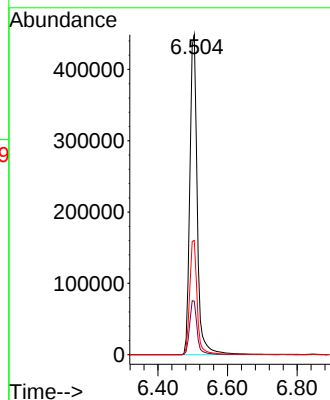
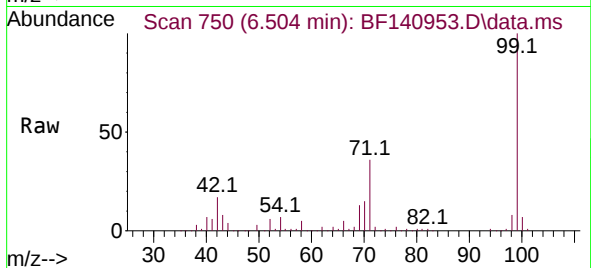




#7
Phenol-d6
Concen: 160.608 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

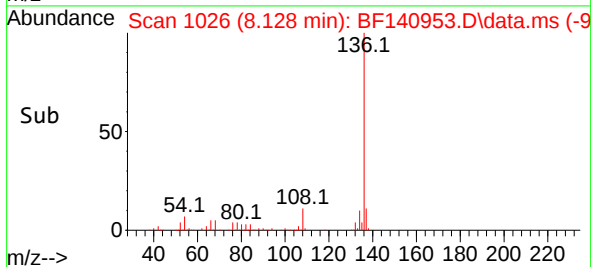
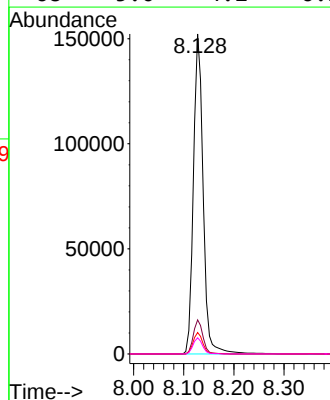
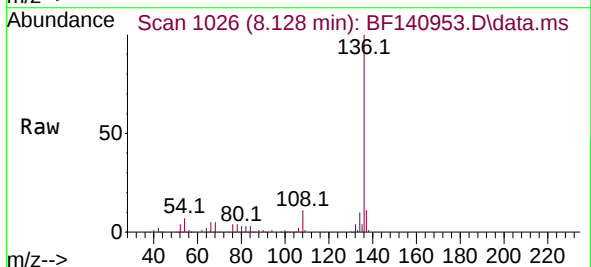
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-08-121224

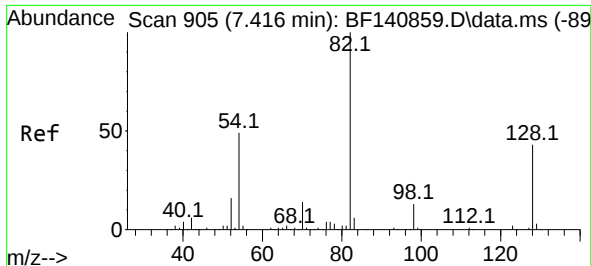
Tgt Ion: 99 Resp: 663371
Ion Ratio Lower Upper
99 100
42 16.8 14.3 21.5
71 35.7 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

Tgt Ion: 136 Resp: 204800
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 6.7 5.6 8.4
68 5.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 105.894 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140953.D

Acq: 20 Dec 2024 16:21

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-08-121224

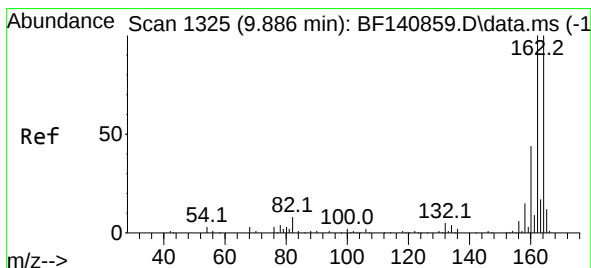
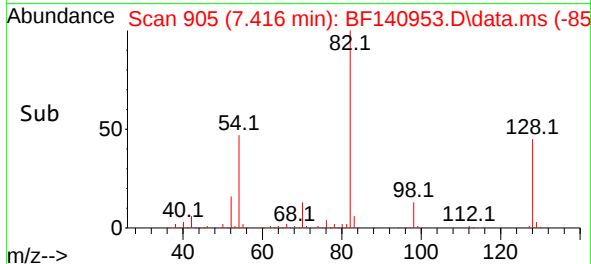
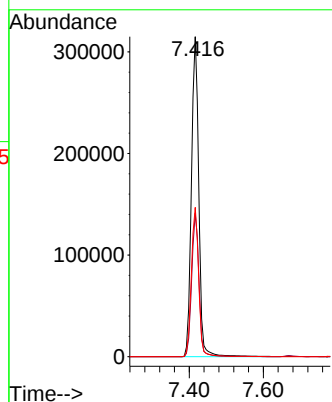
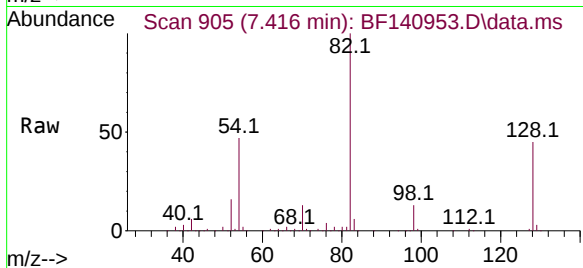
Tgt Ion: 82 Resp: 433473

Ion Ratio Lower Upper

82 100

128 44.9 34.4 51.6

54 46.6 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: BF140953.D

Acq: 20 Dec 2024 16:21

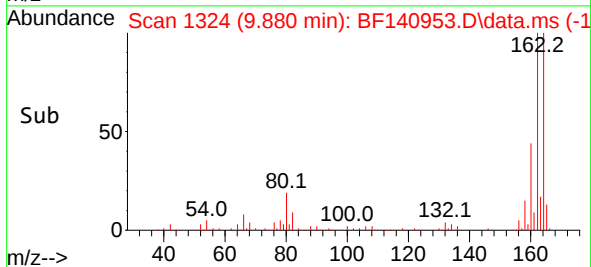
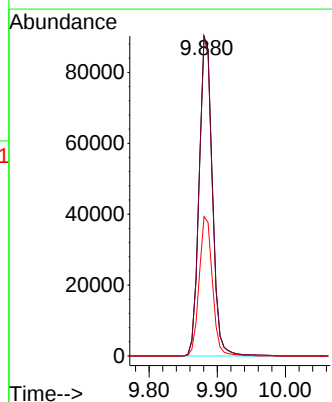
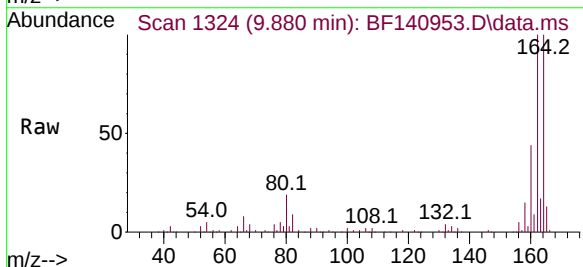
Tgt Ion:164 Resp: 121841

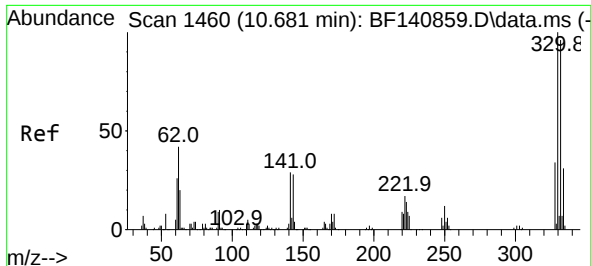
Ion Ratio Lower Upper

164 100

162 99.6 79.9 119.9

160 43.6 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 161.291 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140953.D

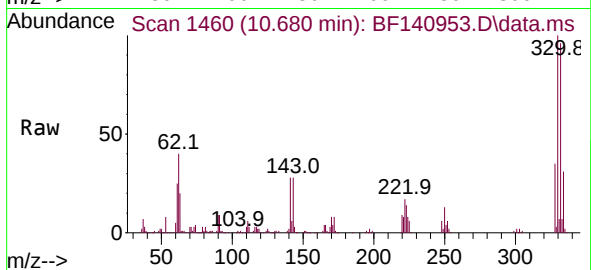
Acq: 20 Dec 2024 16:21

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-08-121224



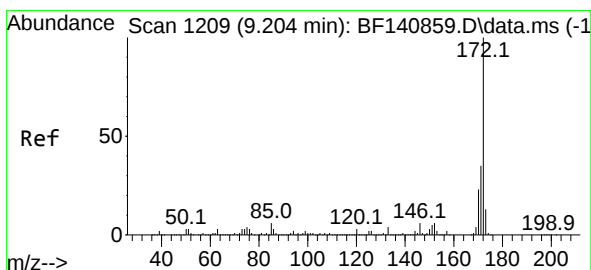
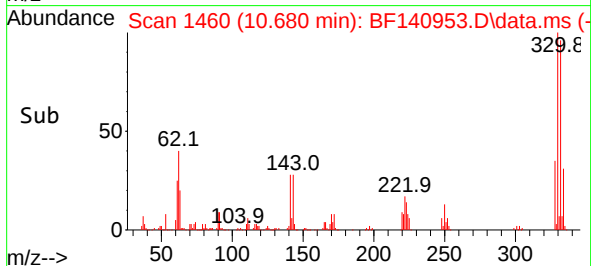
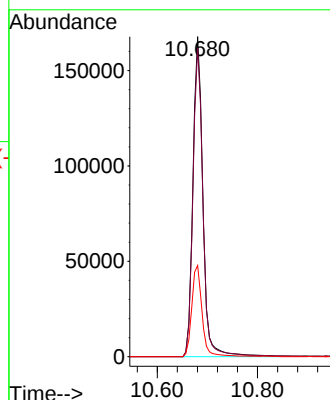
Tgt Ion:330 Resp: 232425

Ion Ratio Lower Upper

330 100

332 97.1 76.2 114.4

141 29.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 96.788 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140953.D

Acq: 20 Dec 2024 16:21

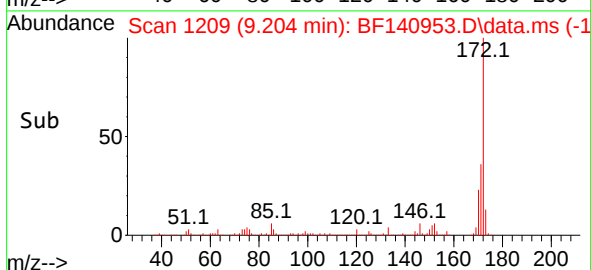
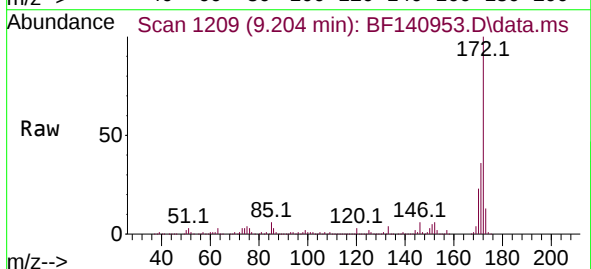
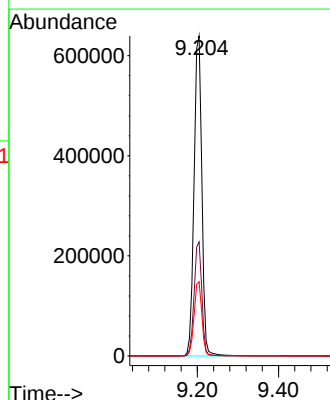
Tgt Ion:172 Resp: 857748

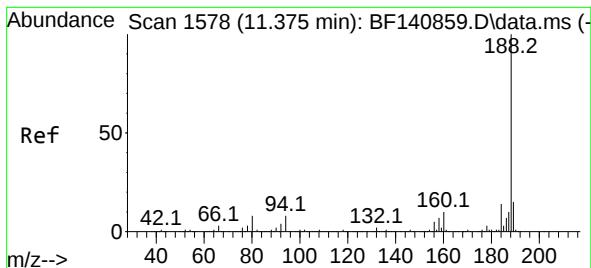
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.2 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: BF140953.D

Acq: 20 Dec 2024 16:21

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-08-121224

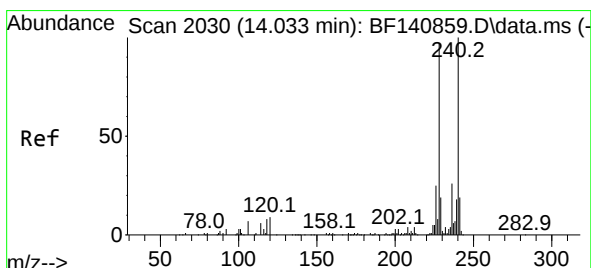
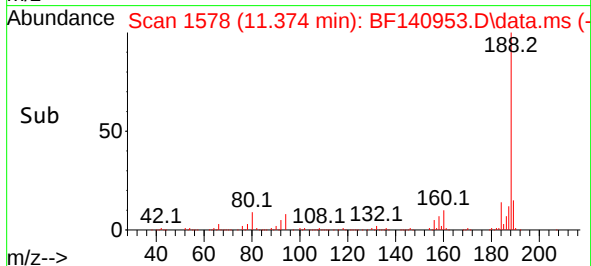
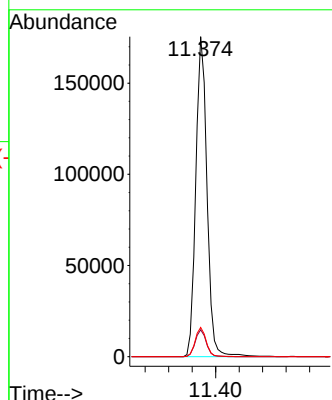
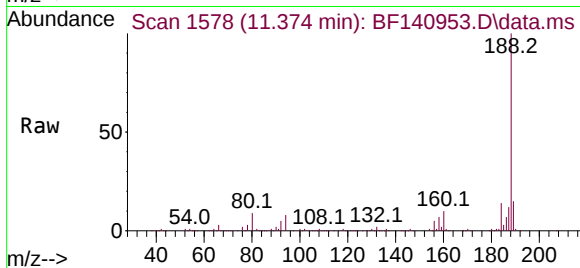
Tgt Ion:188 Resp: 231777

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.2 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: BF140953.D

Acq: 20 Dec 2024 16:21

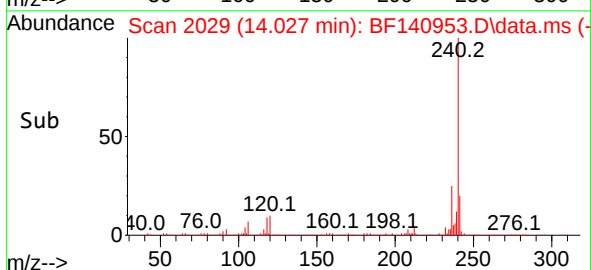
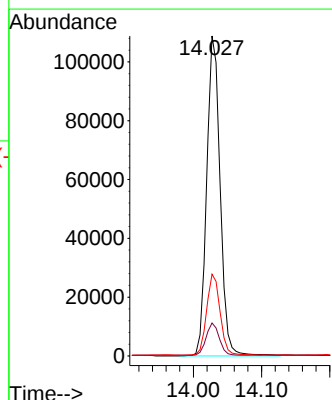
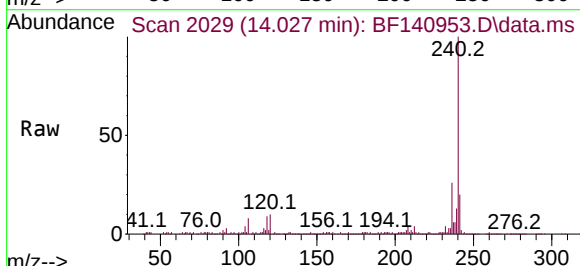
Tgt Ion:240 Resp: 149412

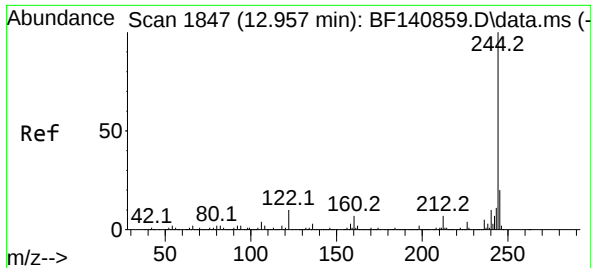
Ion Ratio Lower Upper

240 100

120 10.3 7.6 11.4

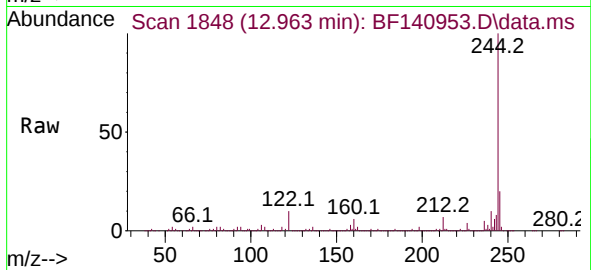
236 25.5 20.5 30.7



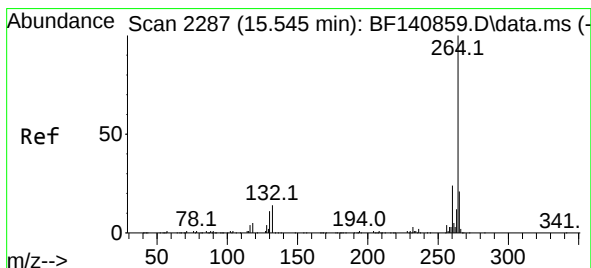
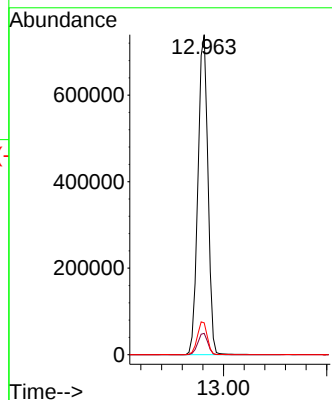
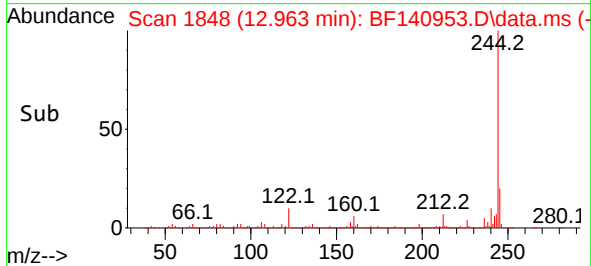


#79
 Terphenyl-d14
 Concen: 104.590 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140953.D
 Acq: 20 Dec 2024 16:21

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-08-121224



Tgt Ion:244 Resp: 991014
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2283
 Delta R.T. -0.024 min
 Lab File: BF140953.D
 Acq: 20 Dec 2024 16:21

Tgt Ion:264 Resp: 128778
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 22.2 17.0 25.4

