

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140798.D
 Acq On : 10 Dec 2024 11:29
 Operator : RC/JU
 Sample : P5196-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-761

Quant Time: Dec 10 13:08:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	66064	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	252030	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	136466	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	231109	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	129433	20.000	ng	0.00
86) Perylene-d12	15.545	264	143372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	360565	93.122	ng	0.00
7) Phenol-d6	6.504	99	463582	90.564	ng	-0.01
23) Nitrobenzene-d5	7.428	82	295069	59.885	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	120925	82.853	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	542250	59.203	ng	-0.02
79) Terphenyl-d14	12.974	244	396996	47.760	ng	-0.02

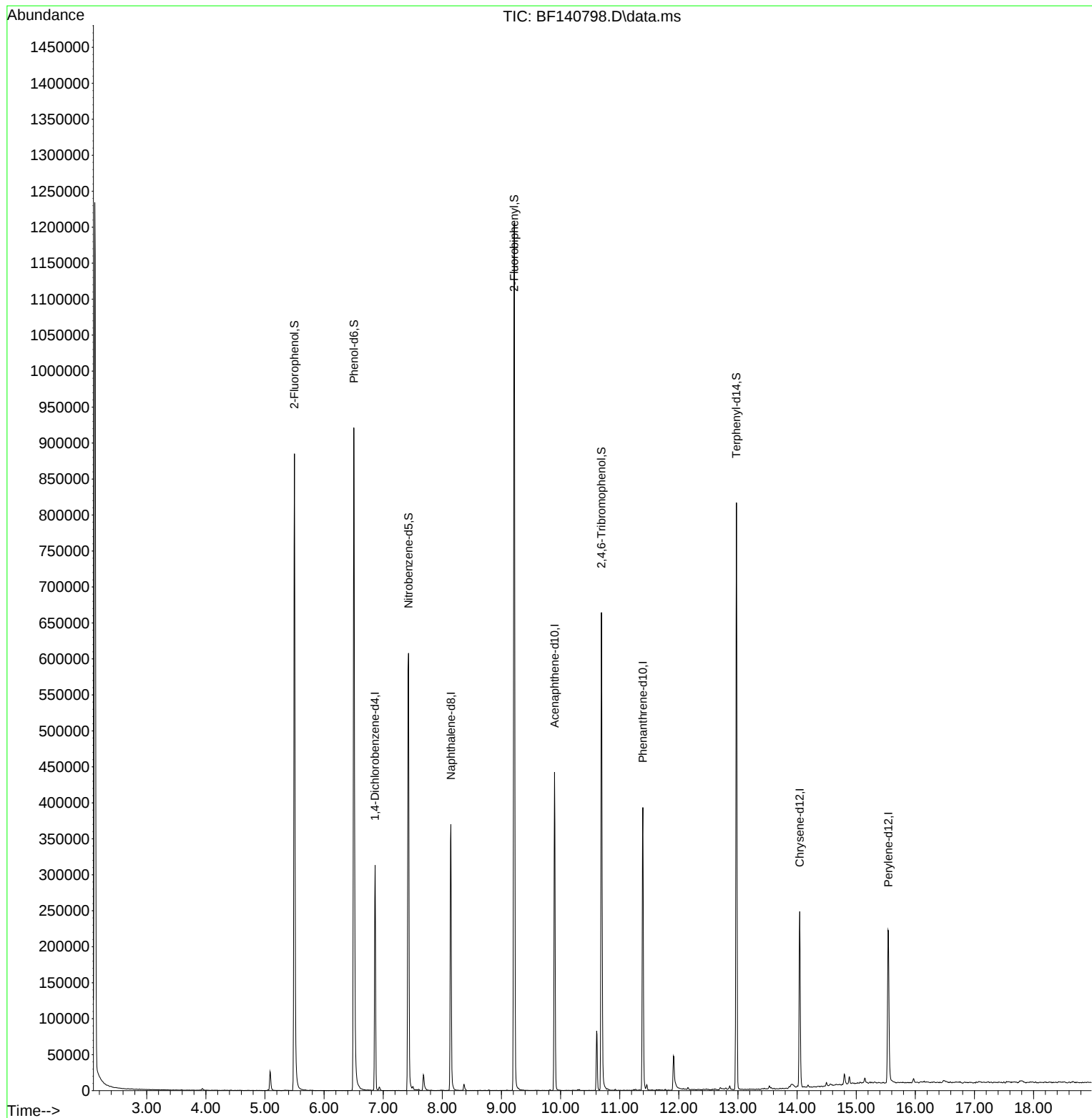
Target Compounds	Qvalue

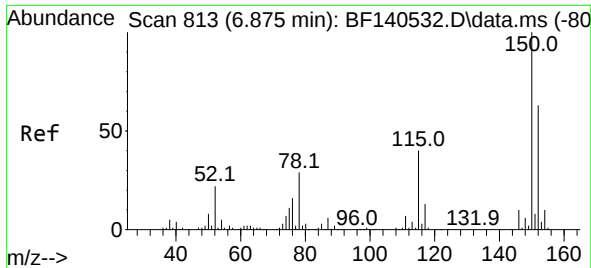
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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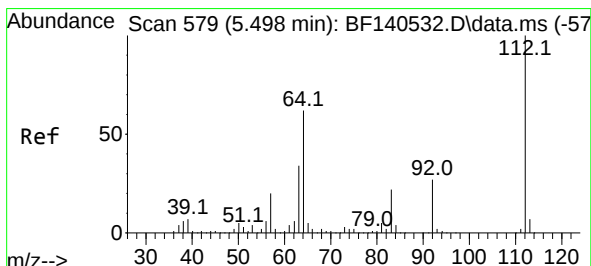
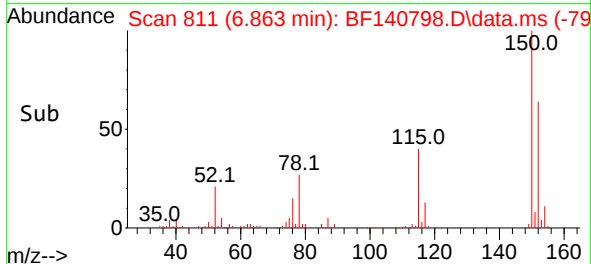
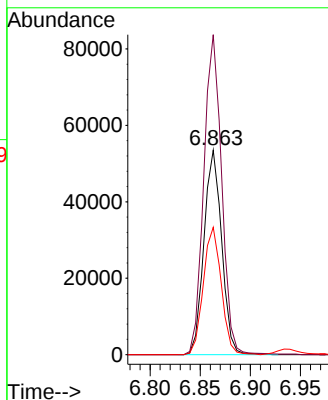
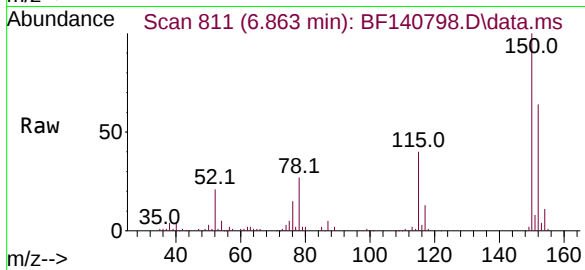




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

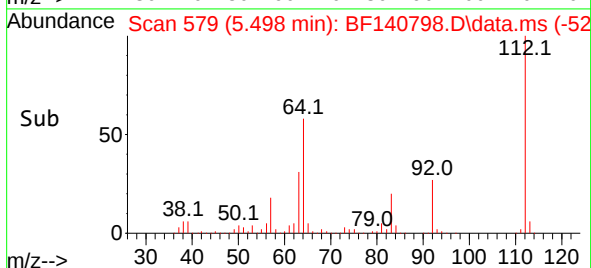
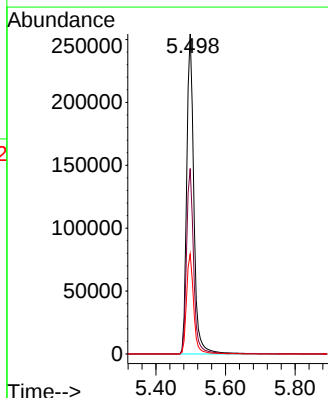
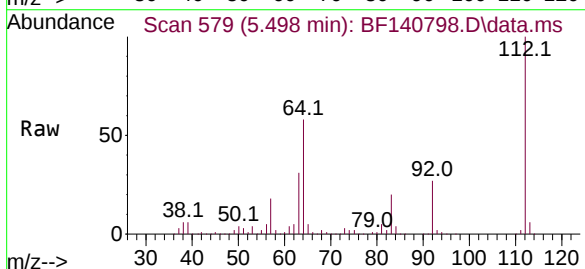
Instrument :
BNA_F
ClientSampleId :
MH-761

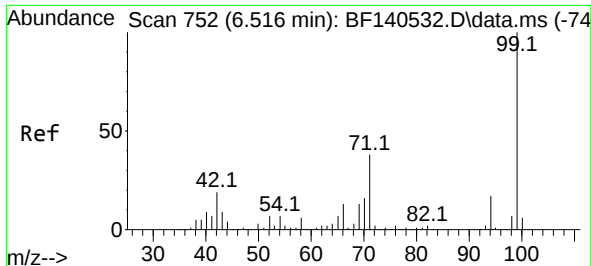
Tgt Ion:152 Resp: 66064
Ion Ratio Lower Upper
152 100
150 156.5 128.5 192.7
115 62.3 50.2 75.4



#5
2-Fluorophenol
Concen: 93.122 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

Tgt Ion:112 Resp: 360565
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 31.2 27.0 40.4

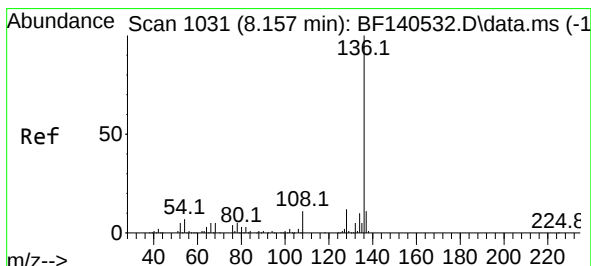
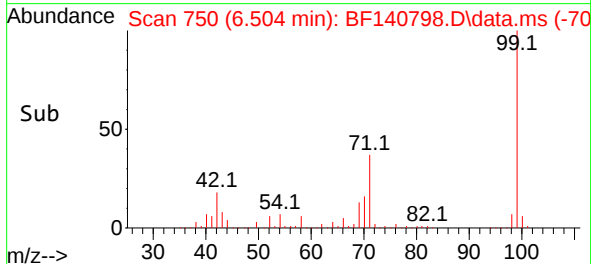
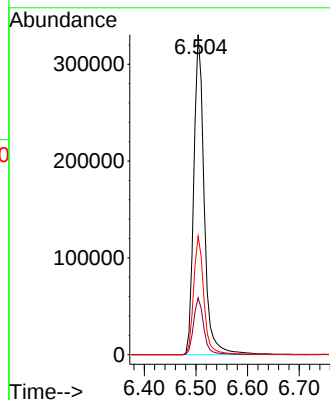
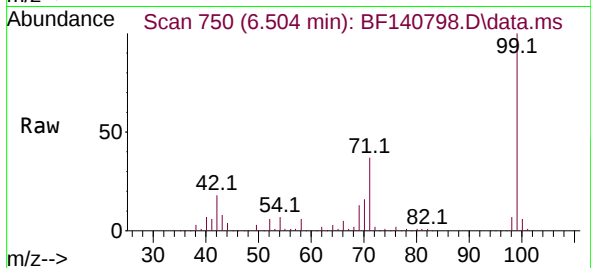




#7
Phenol-d6
Concen: 90.564 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

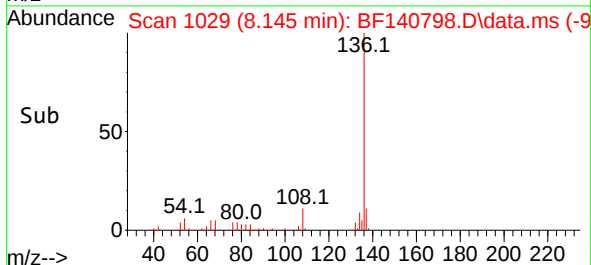
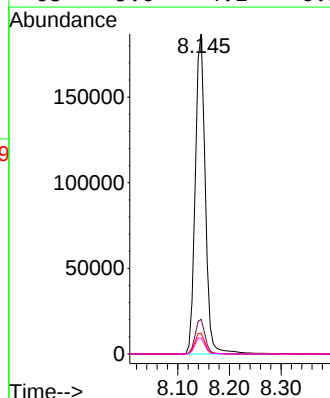
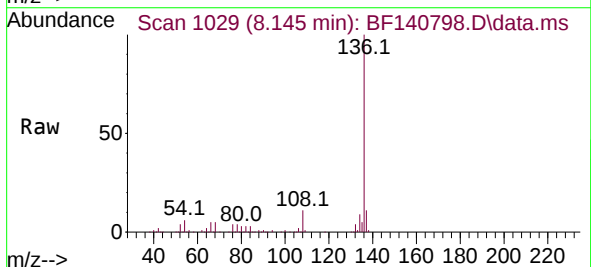
Instrument :
BNA_F
ClientSampleId :
MH-761

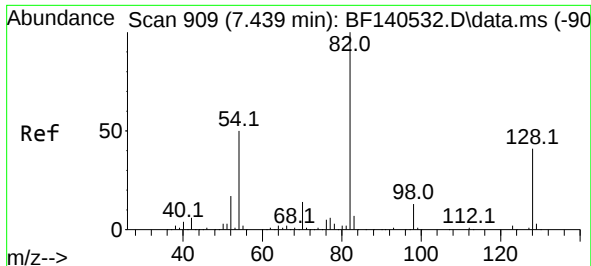
Tgt Ion: 99 Resp: 463582
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 37.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

Tgt Ion: 136 Resp: 252030
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.5 5.8 8.8
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 59.885 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140798.D

Acq: 10 Dec 2024 11:29

Instrument :

BNA_F

ClientSampleId :

MH-761

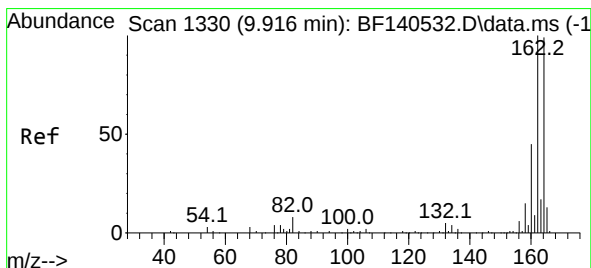
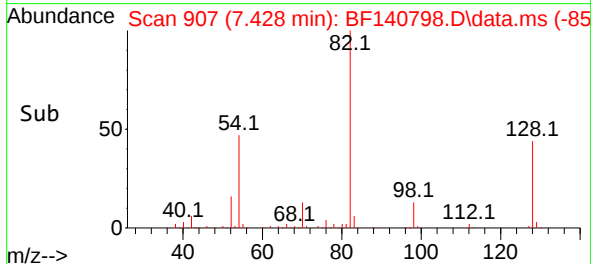
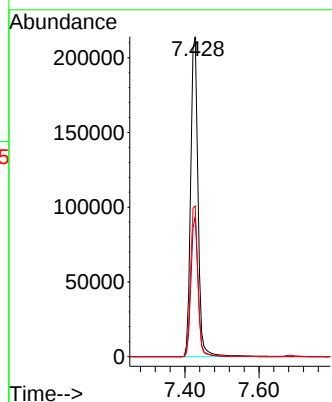
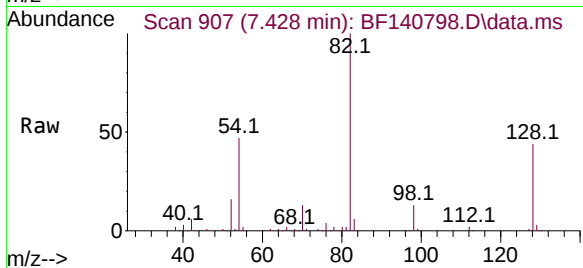
Tgt Ion: 82 Resp: 295069

Ion Ratio Lower Upper

82 100

128 43.8 33.0 49.4

54 47.1 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF140798.D

Acq: 10 Dec 2024 11:29

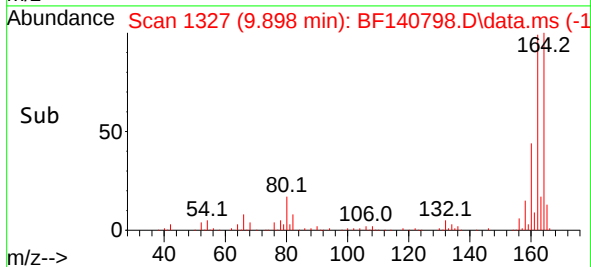
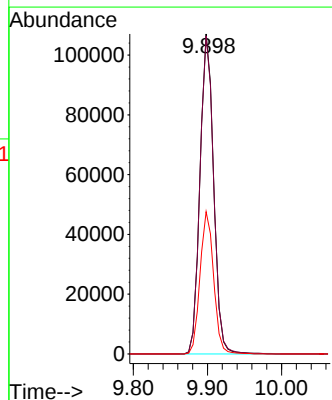
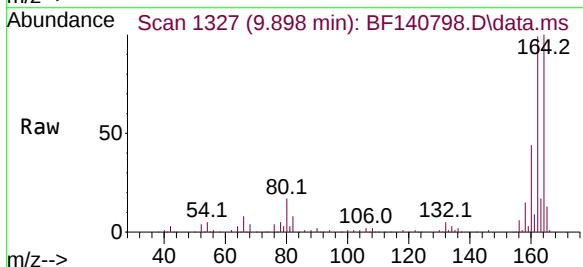
Tgt Ion:164 Resp: 136466

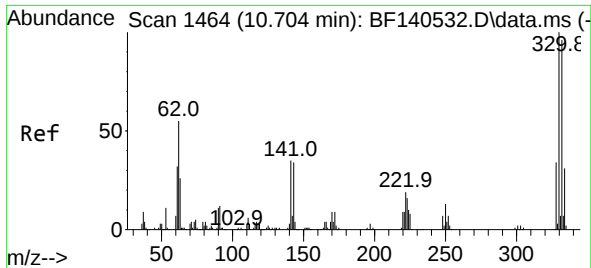
Ion Ratio Lower Upper

164 100

162 99.4 80.6 120.8

160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 82.853 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF140798.D

Acq: 10 Dec 2024 11:29

Instrument :

BNA_F

ClientSampleId :

MH-761

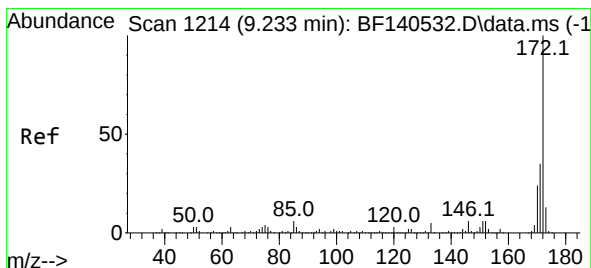
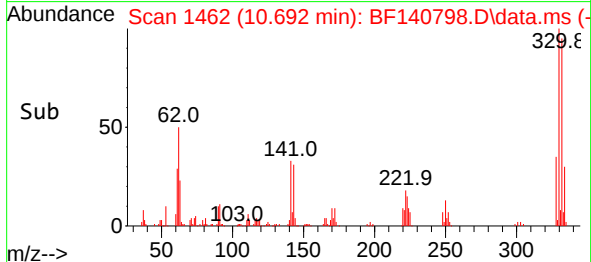
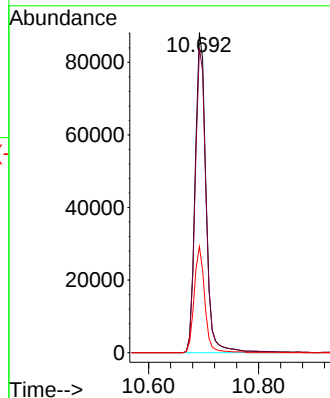
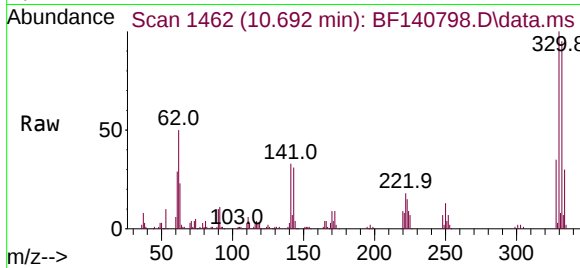
Tgt Ion:330 Resp: 120925

Ion Ratio Lower Upper

330 100

332 95.1 76.9 115.3

141 32.2 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 59.203 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF140798.D

Acq: 10 Dec 2024 11:29

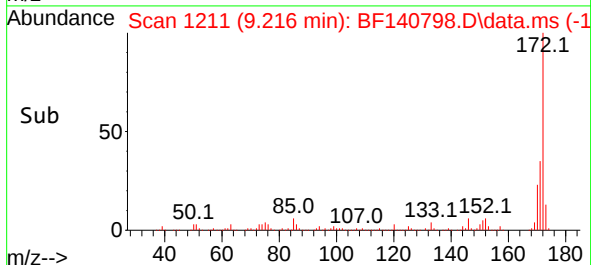
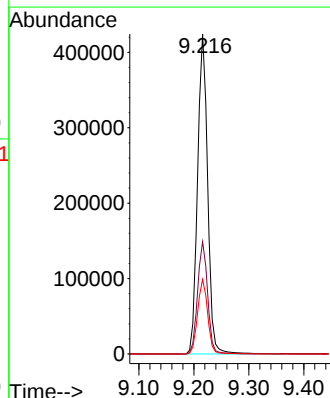
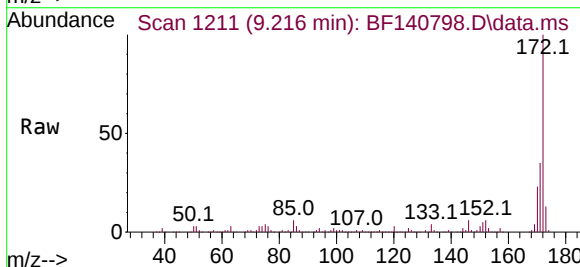
Tgt Ion:172 Resp: 542250

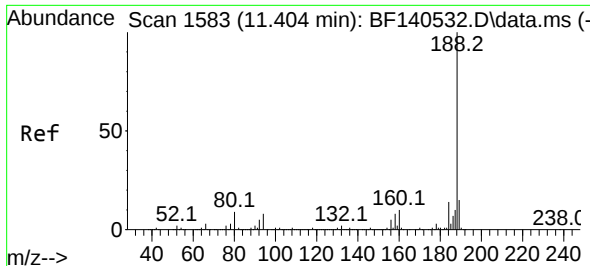
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.3 19.0 28.6

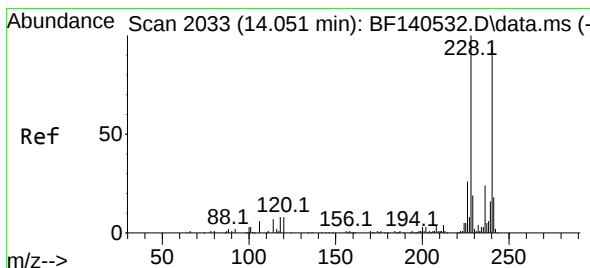
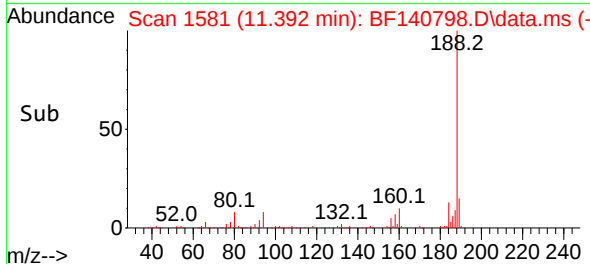
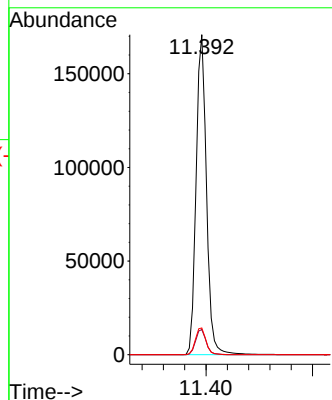
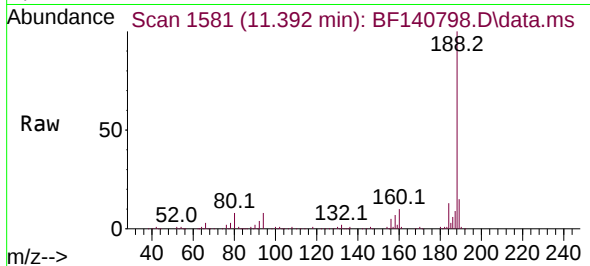




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

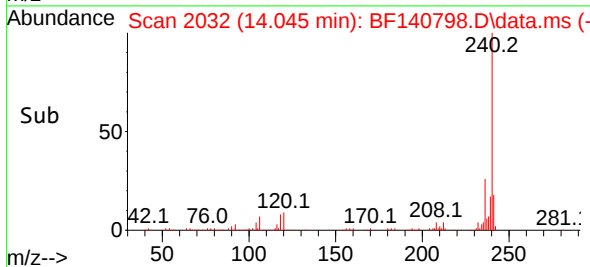
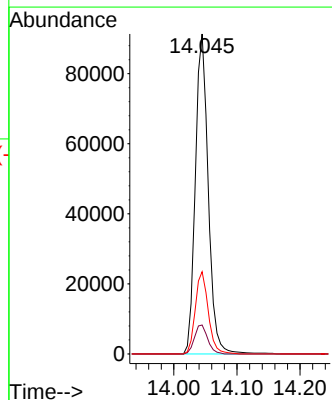
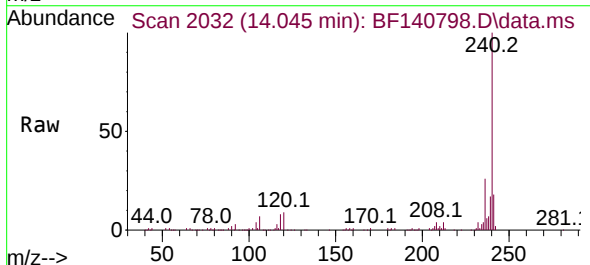
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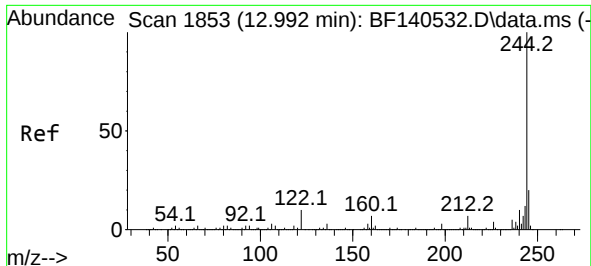
Tgt Ion:188 Resp: 231109
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

Tgt Ion:240 Resp: 129433
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.7 20.6 31.0

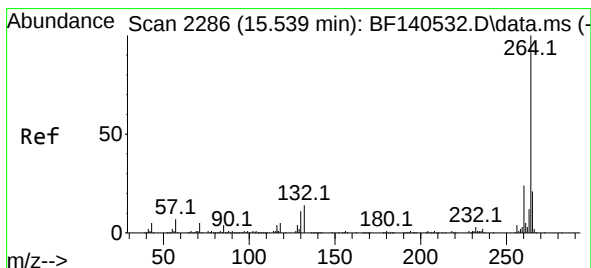
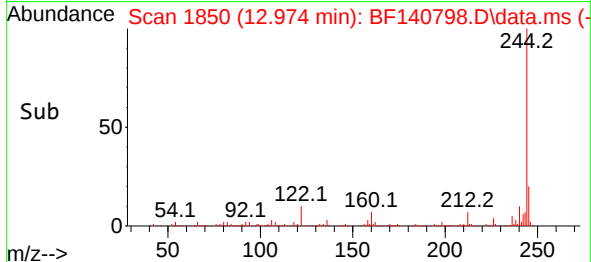
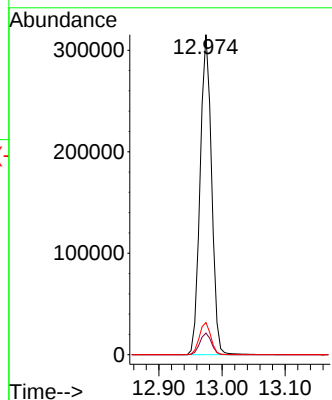
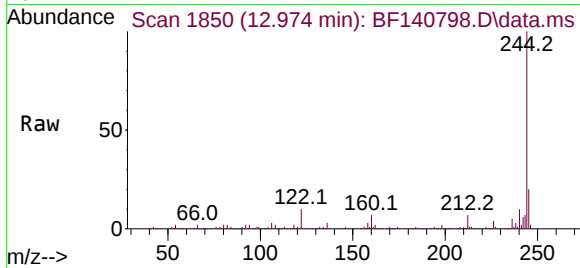




#79
 Terphenyl-d14
 Concen: 47.760 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF140798.D
 Acq: 10 Dec 2024 11:29

Instrument :
 BNA_F
 ClientSampleId :
 MH-761

Tgt Ion:244 Resp: 396996
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 10.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. 0.006 min
 Lab File: BF140798.D
 Acq: 10 Dec 2024 11:29

Tgt Ion:264 Resp: 143372
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 21.2 16.6 25.0

