

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140796.D
Acq On : 10 Dec 2024 10:31
Operator : RC/JU
Sample : PB165477BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165477BL

Quant Time: Dec 10 13:07:37 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	82317	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	313337	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	179786	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	357416	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	238992	20.000	ng	0.00
86) Perylene-d12	15.539	264	189433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	675291	139.970	ng	0.00
7) Phenol-d6	6.510	99	864510	135.542	ng	0.00
23) Nitrobenzene-d5	7.428	82	561442	91.652	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	269497	140.157	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1120257	92.839	ng	-0.02
79) Terphenyl-d14	12.980	244	1380772	89.963	ng	-0.01

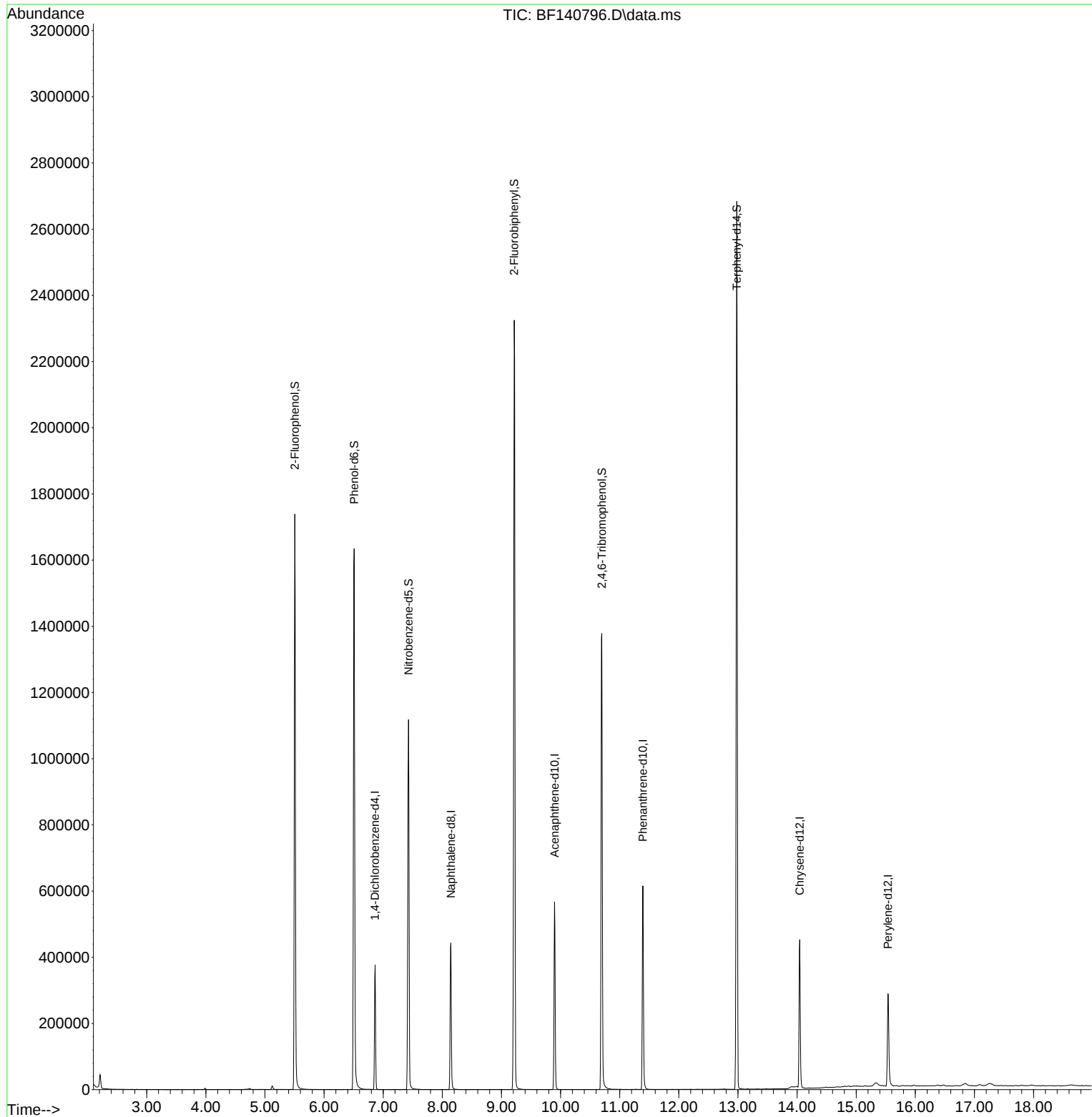
Target Compounds	Qvalue

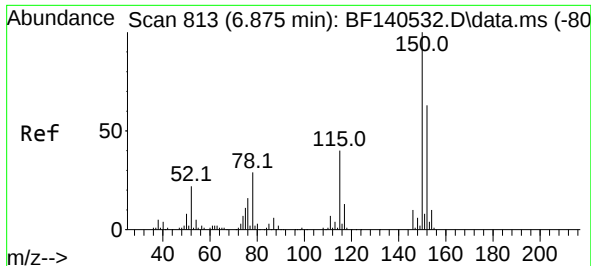
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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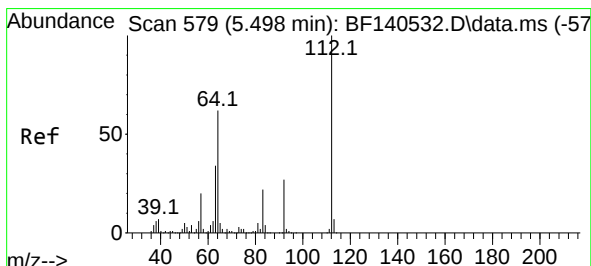
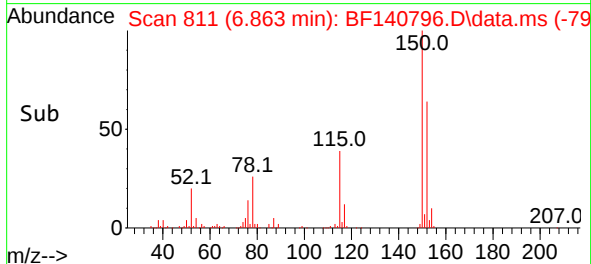
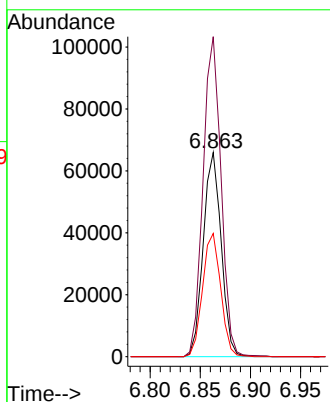
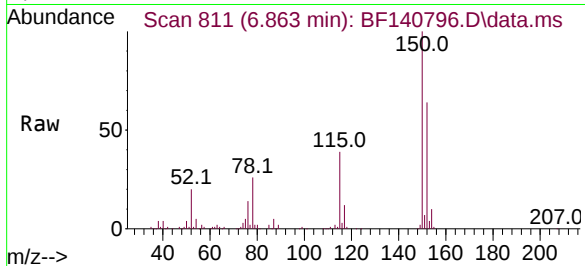




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140796.D
Acq: 10 Dec 2024 10:31

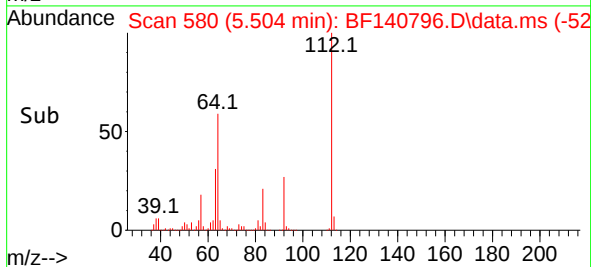
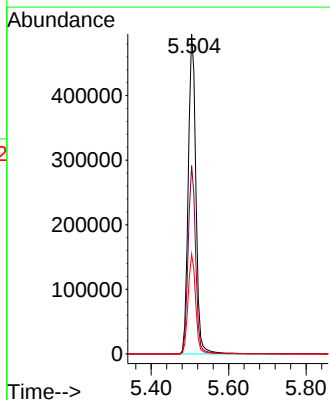
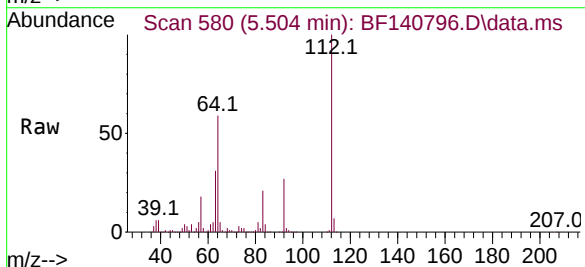
Instrument :
BNA_F
ClientSampleId :
PB165477BL

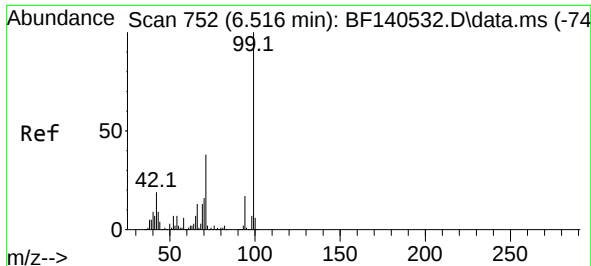
Tgt Ion:152 Resp: 82317
Ion Ratio Lower Upper
152 100
150 156.7 128.5 192.7
115 60.3 50.2 75.4



#5
2-Fluorophenol
Concen: 139.970 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140796.D
Acq: 10 Dec 2024 10:31

Tgt Ion:112 Resp: 675291
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.2 27.0 40.4

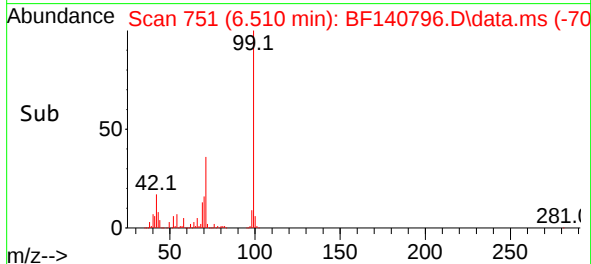
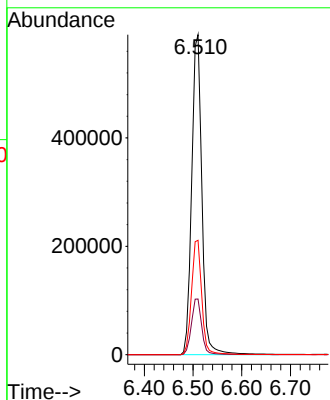
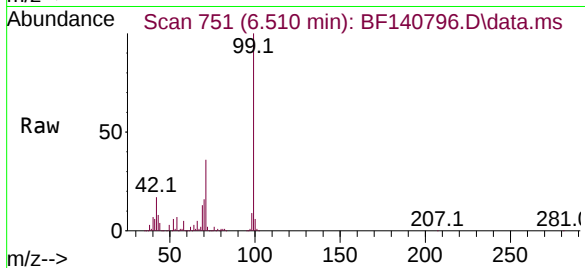




#7
Phenol-d6
Concen: 135.542 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140796.D
Acq: 10 Dec 2024 10:31

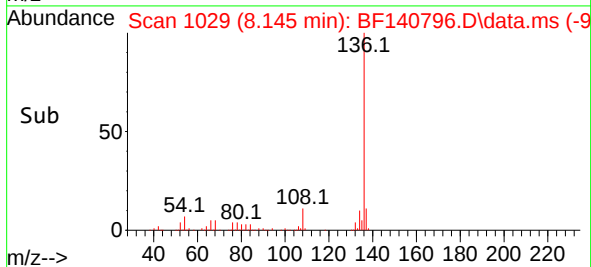
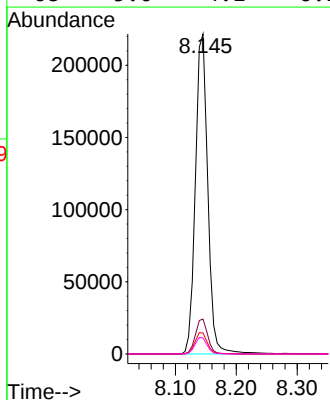
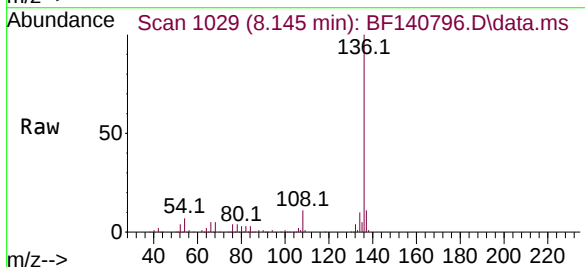
Instrument :
BNA_F
ClientSampleId :
PB165477BL

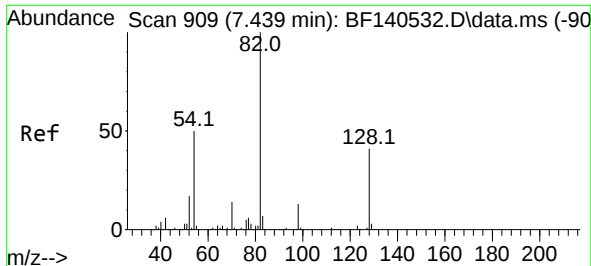
Tgt Ion: 99 Resp: 864510
Ion Ratio Lower Upper
99 100
42 17.4 15.4 23.0
71 35.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140796.D
Acq: 10 Dec 2024 10:31

Tgt Ion: 136 Resp: 313337
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.5 5.8 8.8
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 91.652 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140796.D

Acq: 10 Dec 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB165477BL

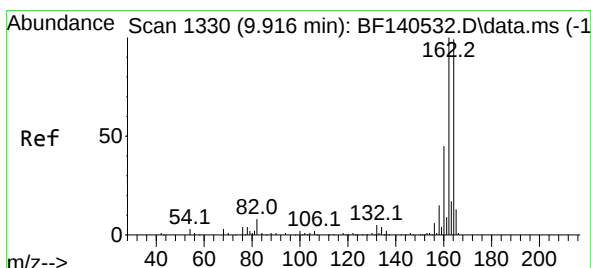
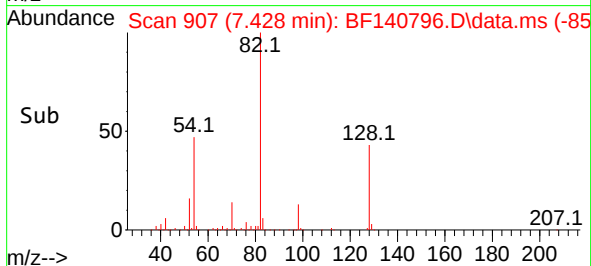
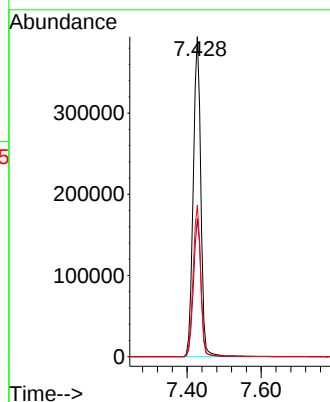
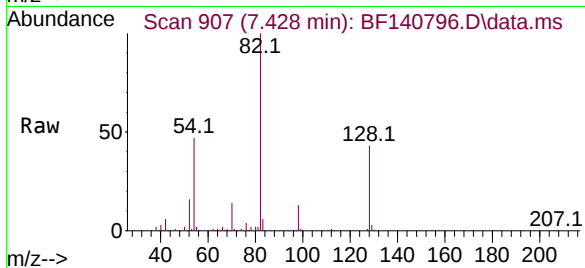
Tgt Ion: 82 Resp: 561442

Ion Ratio Lower Upper

82 100

128 43.1 33.0 49.4

54 47.3 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: BF140796.D

Acq: 10 Dec 2024 10:31

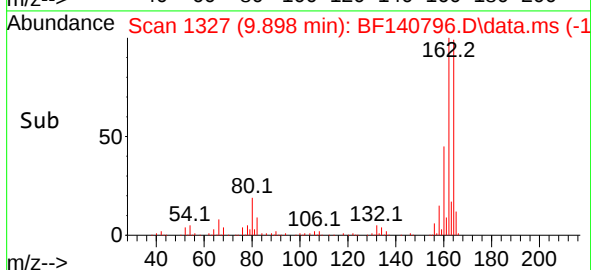
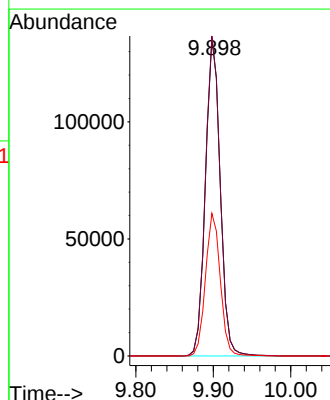
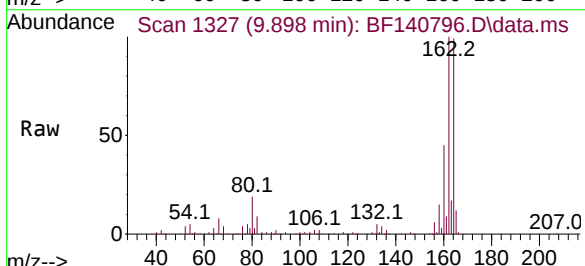
Tgt Ion:164 Resp: 179786

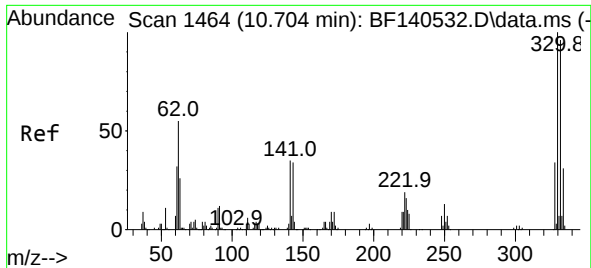
Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

160 44.9 36.2 54.4

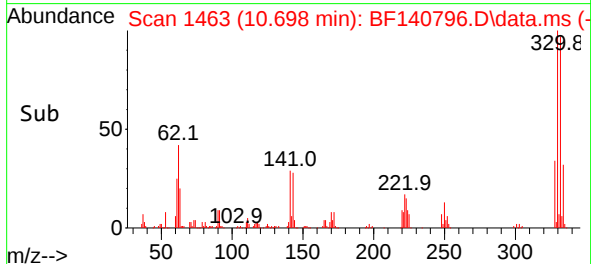
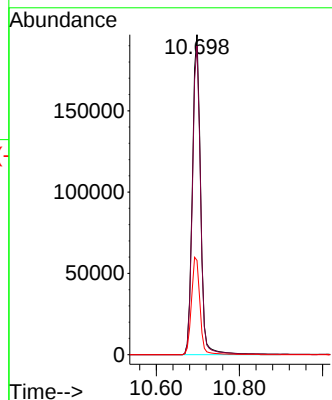
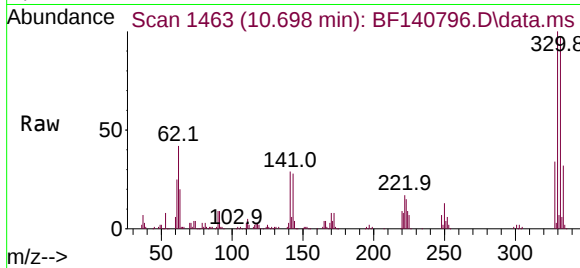




#42
 2,4,6-Tribromophenol
 Concen: 140.157 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF140796.D
 Acq: 10 Dec 2024 10:31

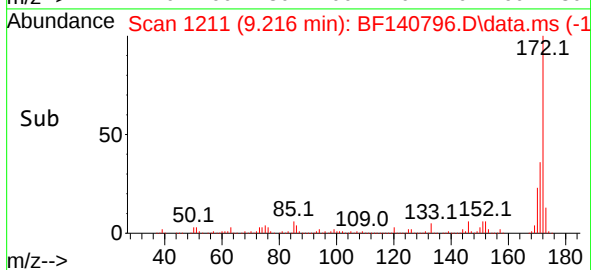
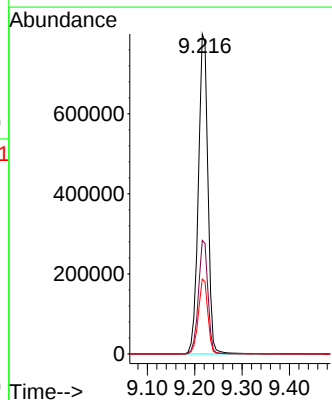
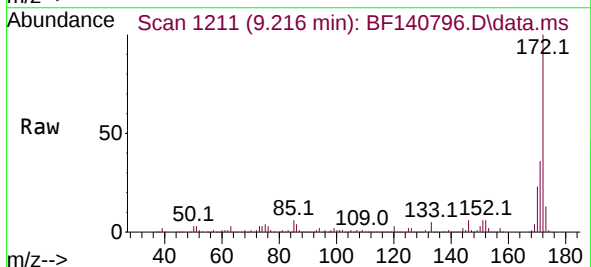
Instrument :
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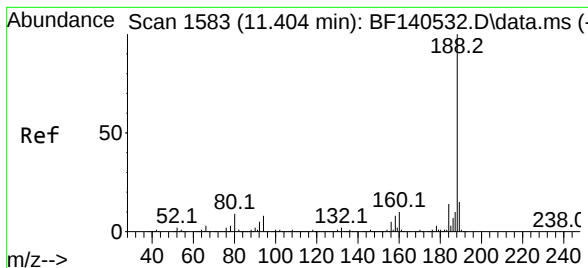
Tgt Ion:330 Resp: 269497
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.9 115.3
 141 31.5 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 92.839 ng
 RT: 9.216 min Scan# 1211
 Delta R.T. -0.018 min
 Lab File: BF140796.D
 Acq: 10 Dec 2024 10:31

Tgt Ion:172 Resp: 1120257
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.4 42.6
 170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140796.D

Acq: 10 Dec 2024 10:31

Instrument :

BNA_F

ClientSampleId :

PB165477BL

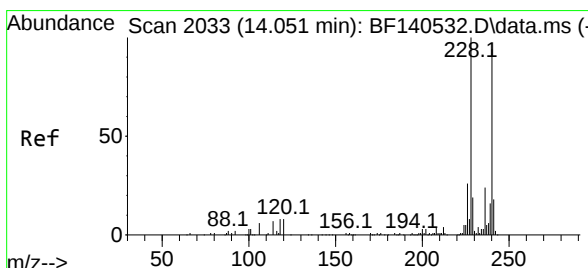
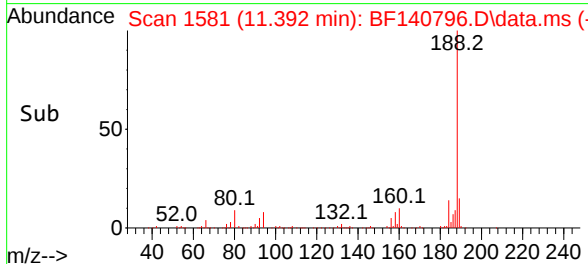
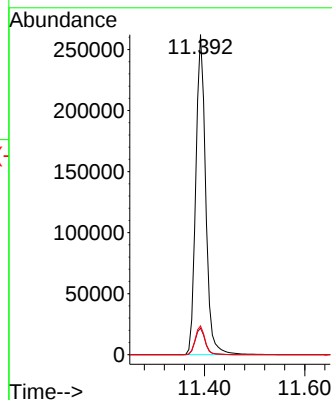
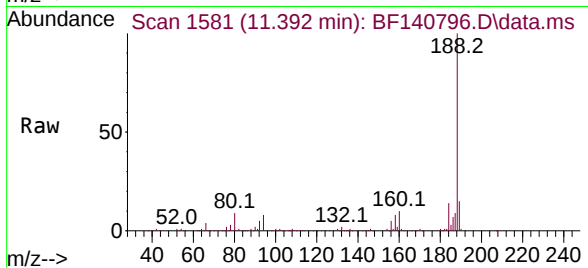
Tgt Ion:188 Resp: 357416

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.0 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: BF140796.D

Acq: 10 Dec 2024 10:31

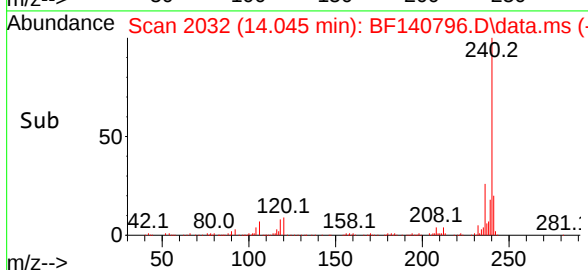
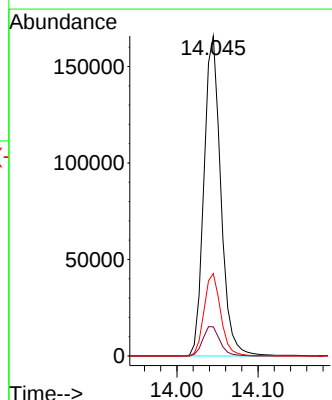
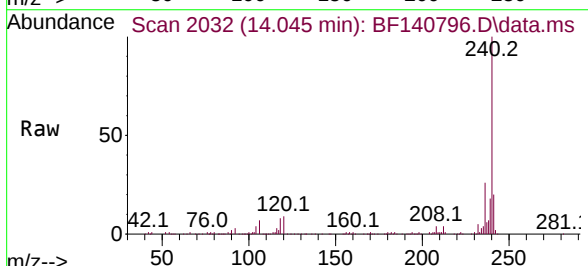
Tgt Ion:240 Resp: 238992

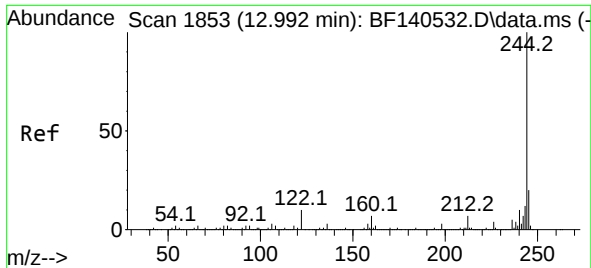
Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

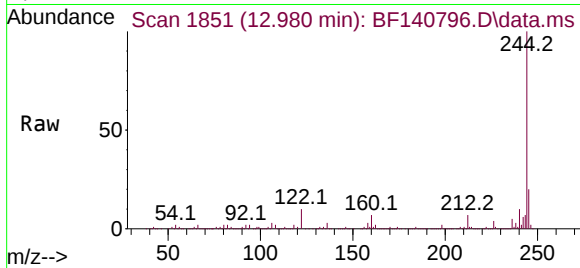
236 25.8 20.6 31.0



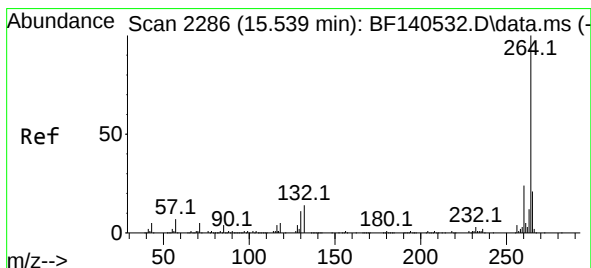
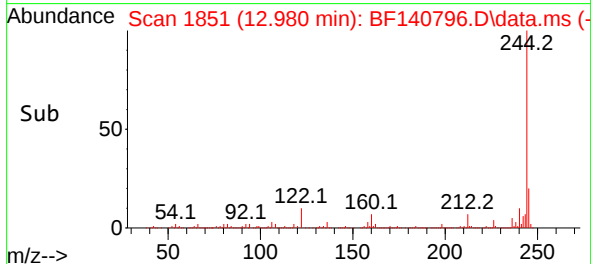
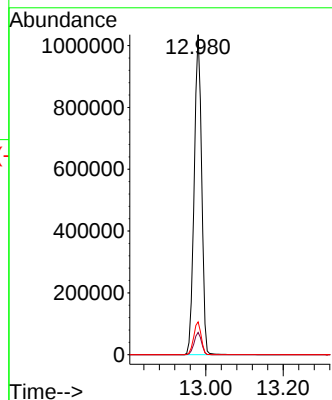


#79
Terphenyl-d14
Concen: 89.963 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140796.D
Acq: 10 Dec 2024 10:31

Instrument :
BNA_F
ClientSampleId :
PB165477BL



Tgt Ion:244 Resp: 1380772
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.3 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF140796.D
Acq: 10 Dec 2024 10:31

Tgt Ion:264 Resp: 189433
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.8 16.6 25.0

