

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140504.D
 Acq On : 20 Nov 2024 17:24
 Operator : RC/JU
 Sample : P4870-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-736

Quant Time: Nov 21 00:06:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	103352	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	381089	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	197730	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	340138	20.000	ng	0.00
76) Chrysene-d12	14.039	240	211819	20.000	ng	-0.01
86) Perylene-d12	15.533	264	212921	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	576982	95.318	ng	0.01
7) Phenol-d6	6.510	99	746765	91.056	ng	0.00
23) Nitrobenzene-d5	7.434	82	479266	65.526	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	185086	94.131	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	820294	66.690	ng	0.00
79) Terphenyl-d14	12.980	244	744849	61.038	ng	0.00

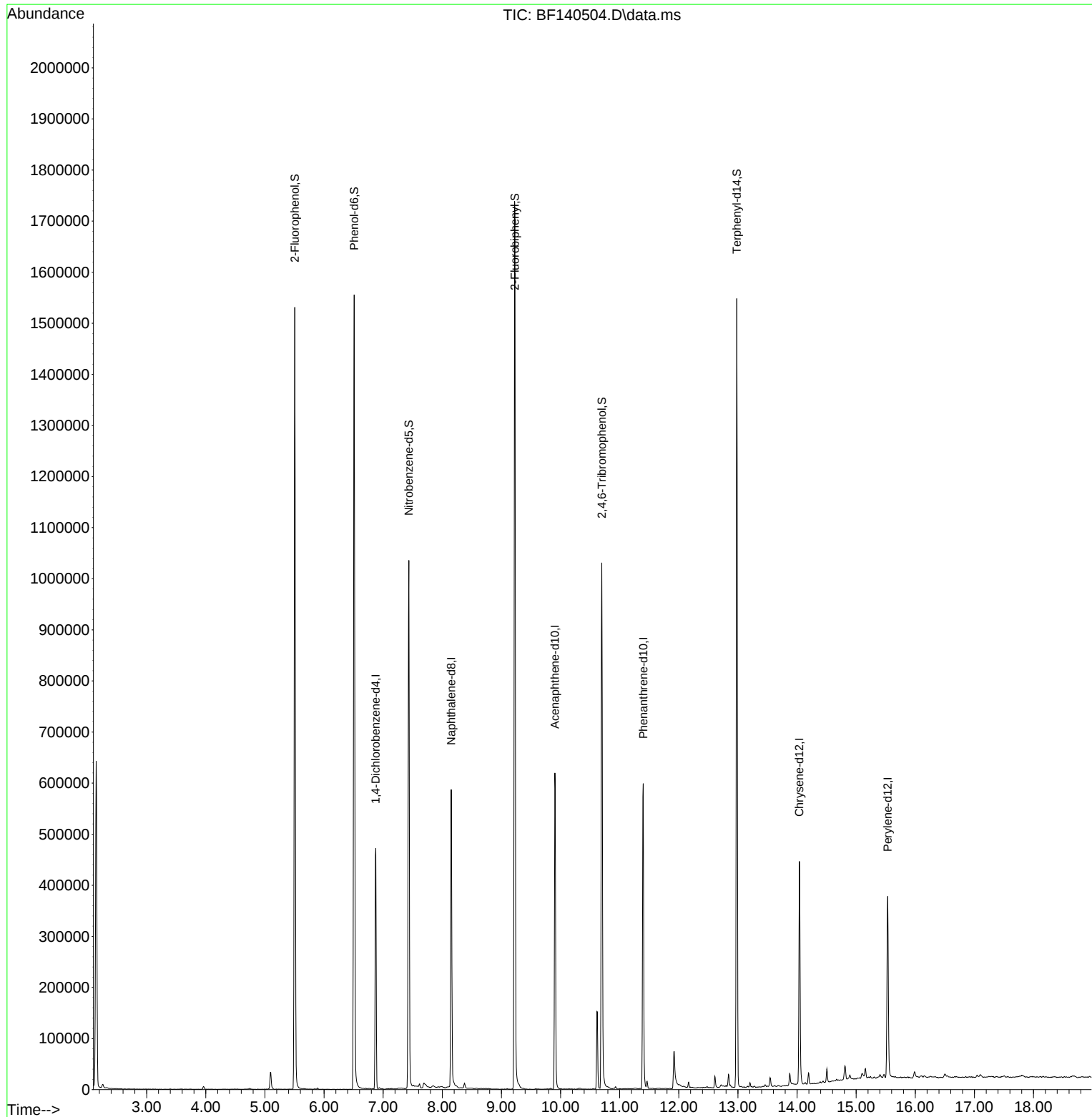
Target Compounds	Qvalue

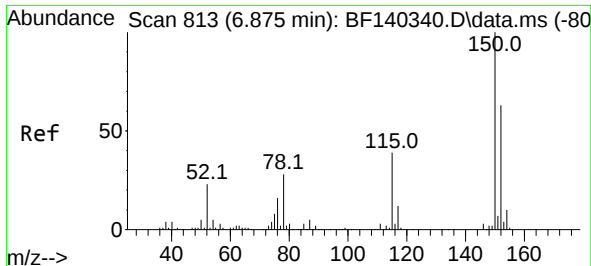
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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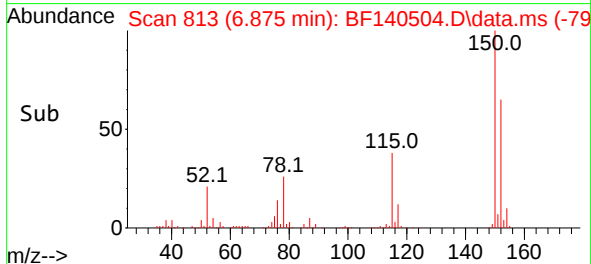
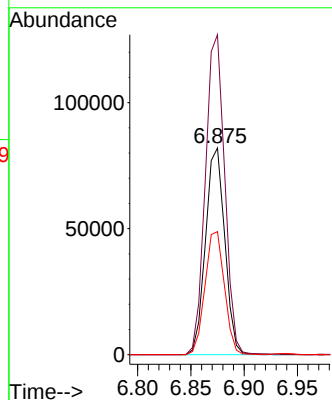
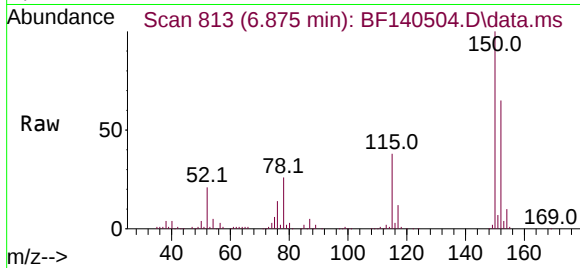




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

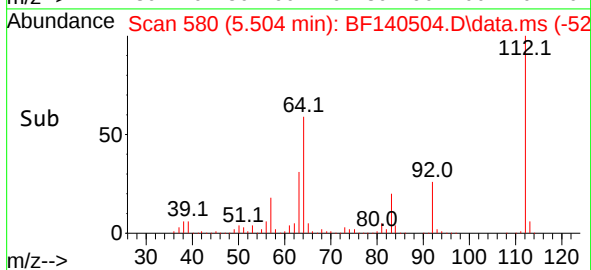
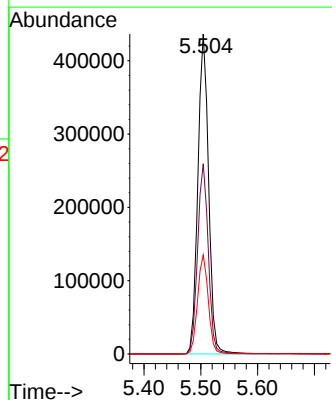
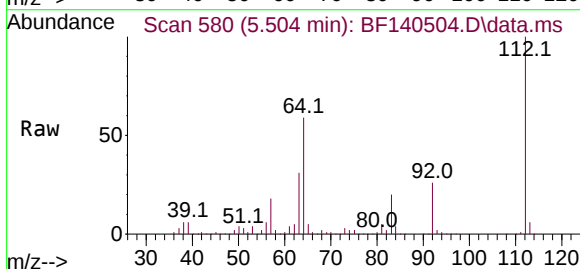
Instrument :
BNA_F
ClientSampleId :
MH-736

Tgt Ion:152 Resp: 103352
Ion Ratio Lower Upper
152 100
150 154.8 127.4 191.0
115 59.5 47.4 71.2



#5
2-Fluorophenol
Concen: 95.318 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

Tgt Ion:112 Resp: 576982
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 31.0 25.6 38.4

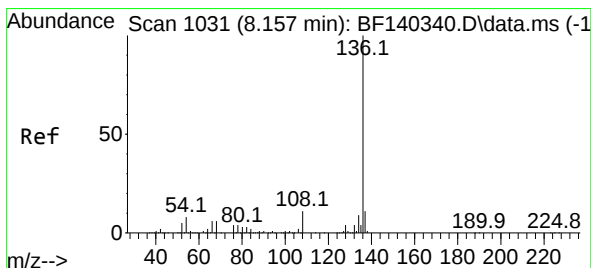
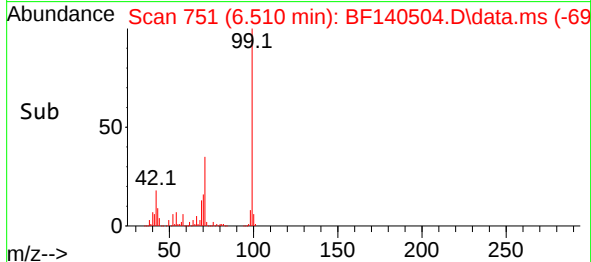
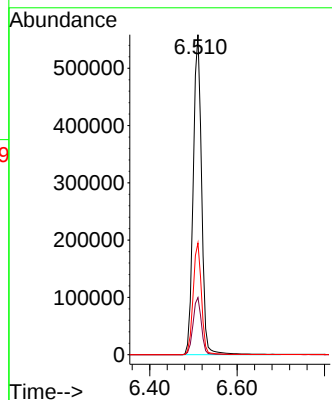
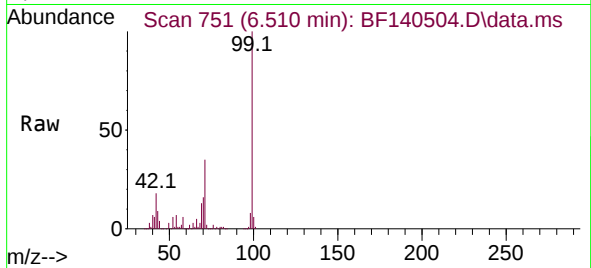




#7
Phenol-d6
Concen: 91.056 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

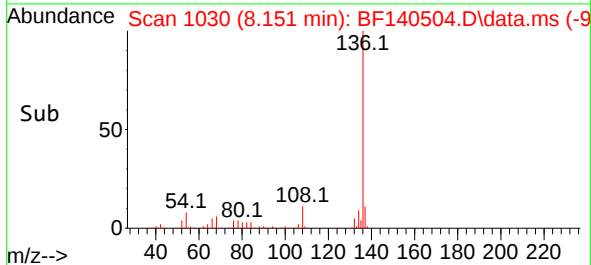
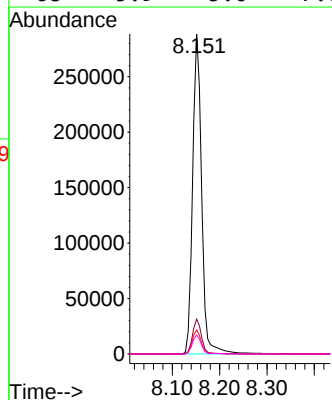
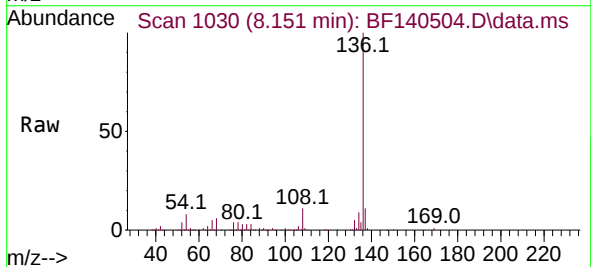
Instrument :
BNA_F
ClientSampleId :
MH-736

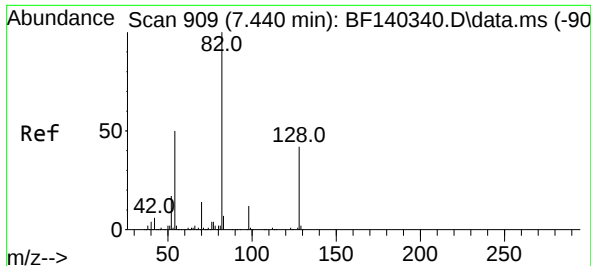
Tgt Ion: 99 Resp: 746765
Ion Ratio Lower Upper
99 100
42 17.8 15.1 22.7
71 34.9 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

Tgt Ion: 136 Resp: 381089
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.5 6.5 9.7
68 5.9 5.0 7.6

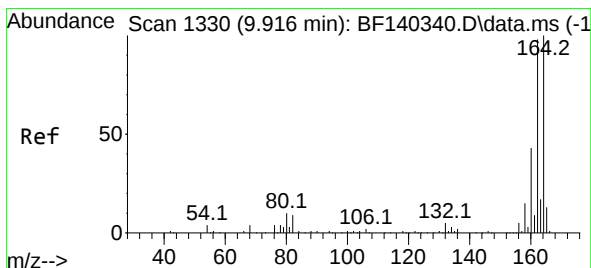
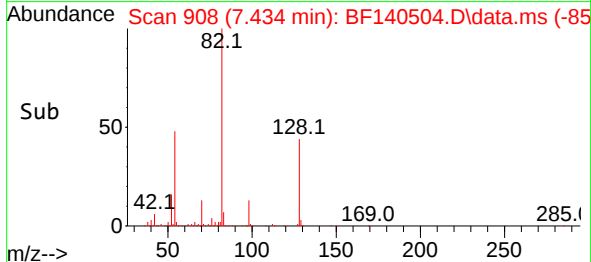
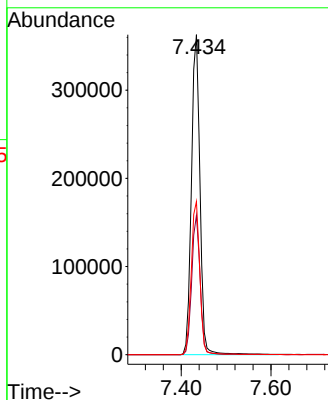
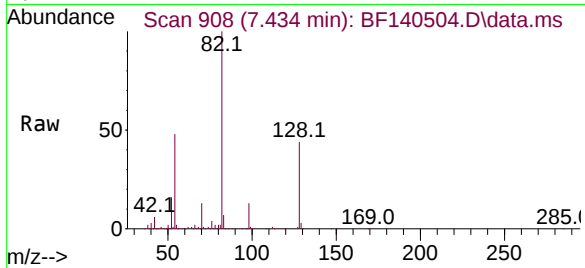




#23
 Nitrobenzene-d5
 Concen: 65.526 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140504.D
 Acq: 20 Nov 2024 17:24

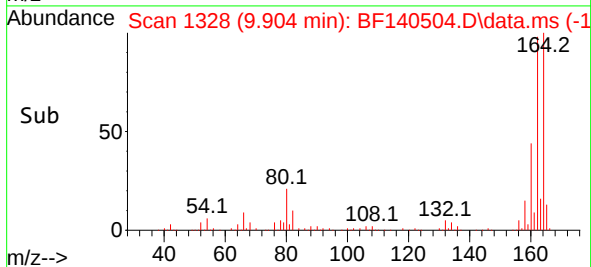
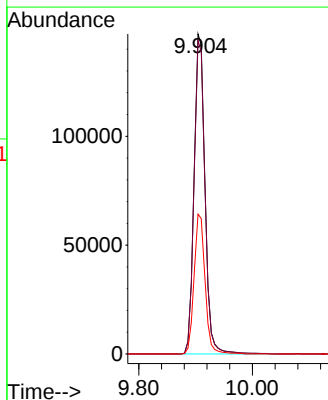
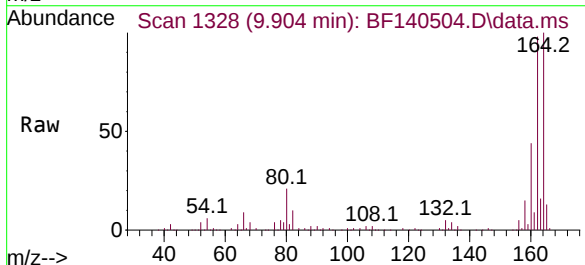
Instrument :
 BNA_F
 ClientSampleId :
 MH-736

Tgt Ion: 82 Resp: 479266
 Ion Ratio Lower Upper
 82 100
 128 43.5 33.3 49.9
 54 47.8 39.8 59.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF140504.D
 Acq: 20 Nov 2024 17:24

Tgt Ion: 164 Resp: 197730
 Ion Ratio Lower Upper
 164 100
 162 98.0 79.8 119.8
 160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 94.131 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140504.D

Acq: 20 Nov 2024 17:24

Instrument :

BNA_F

ClientSampleId :

MH-736

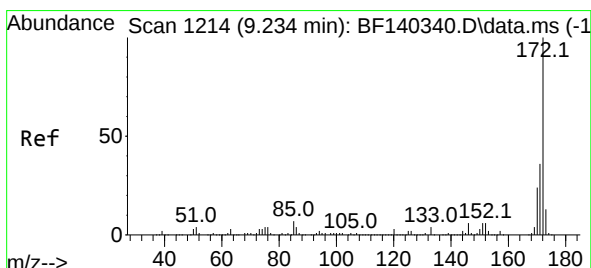
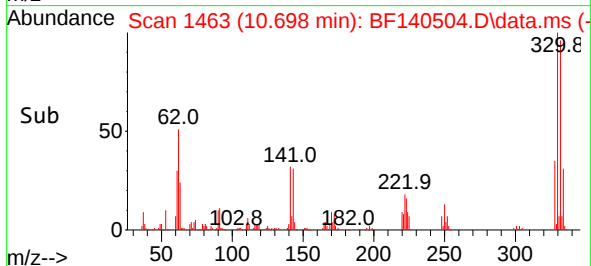
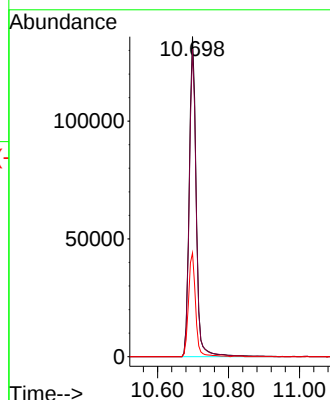
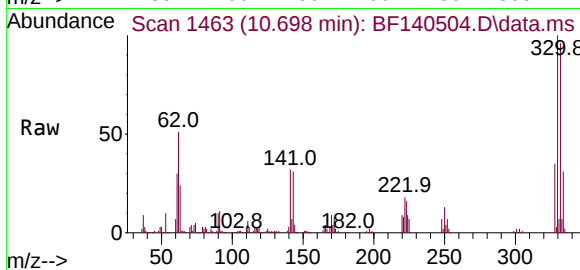
Tgt Ion:330 Resp: 185086

Ion Ratio Lower Upper

330 100

332 95.9 75.9 113.9

141 32.8 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 66.690 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140504.D

Acq: 20 Nov 2024 17:24

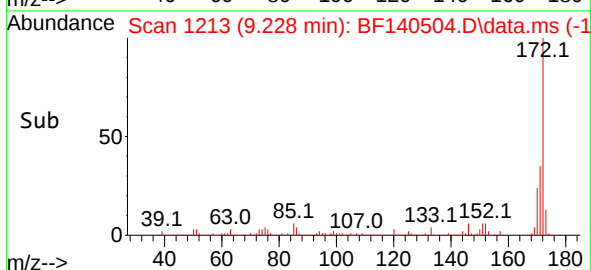
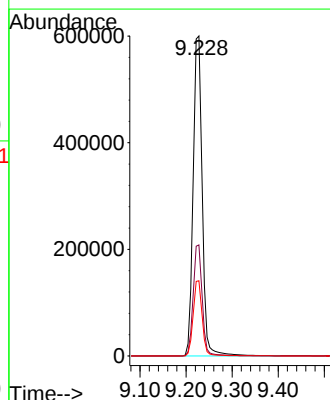
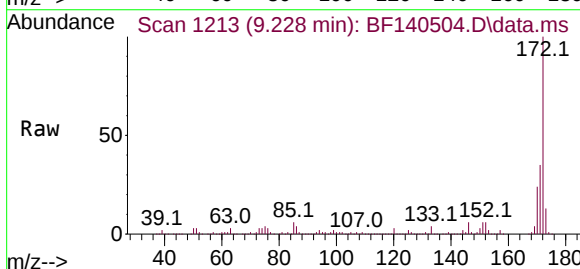
Tgt Ion:172 Resp: 820294

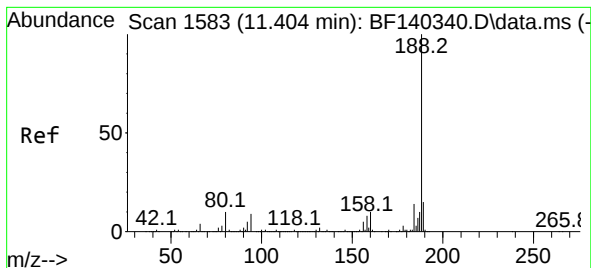
Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140504.D

Acq: 20 Nov 2024 17:24

Instrument :

BNA_F

ClientSampleId :

MH-736

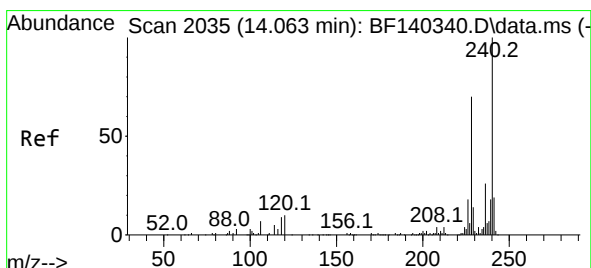
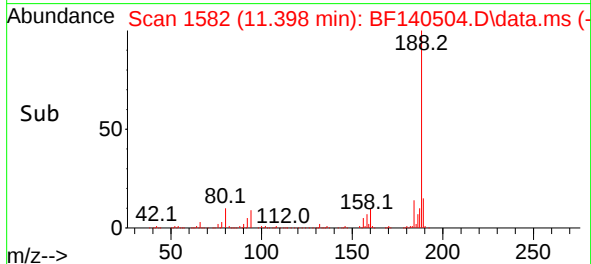
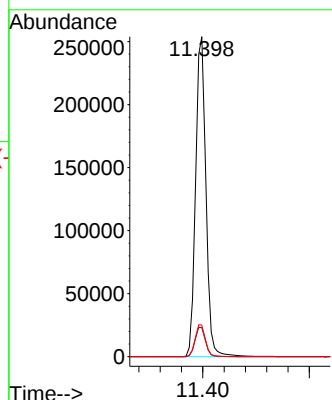
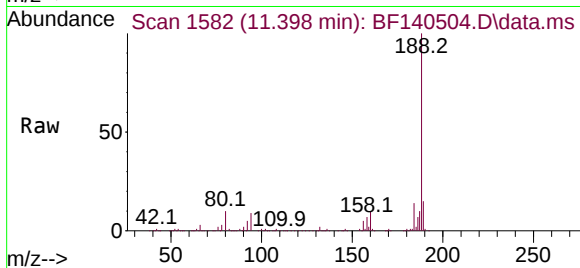
Tgt Ion:188 Resp: 340138

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.9 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF140504.D

Acq: 20 Nov 2024 17:24

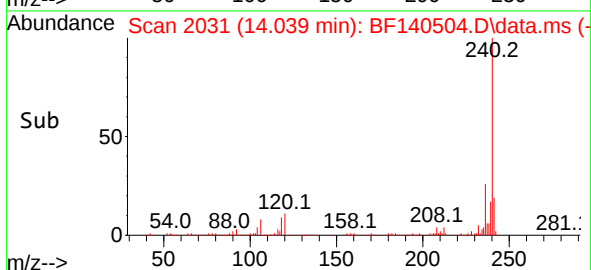
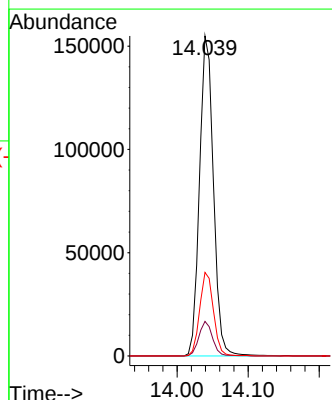
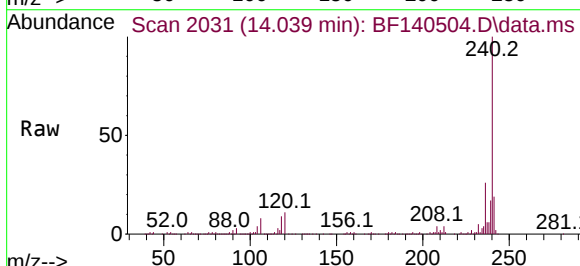
Tgt Ion:240 Resp: 211819

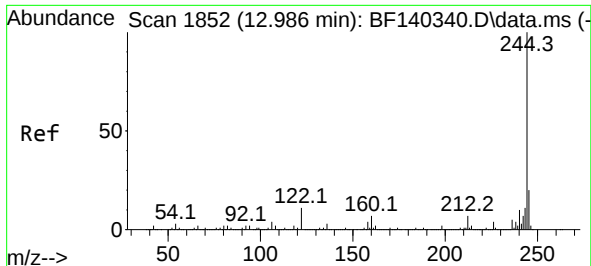
Ion Ratio Lower Upper

240 100

120 10.8 8.8 13.2

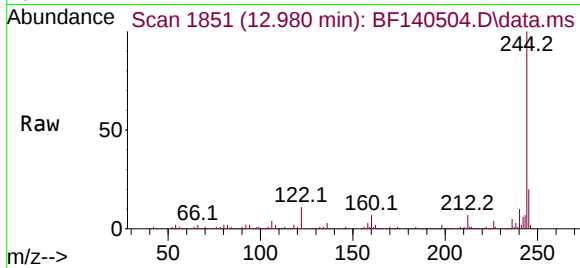
236 26.1 20.9 31.3



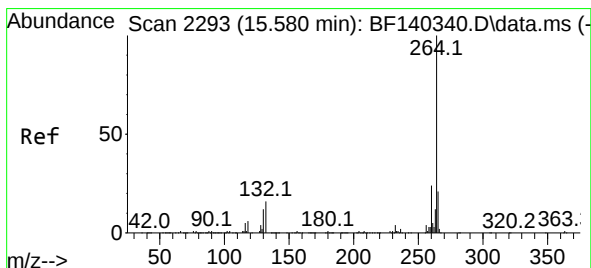
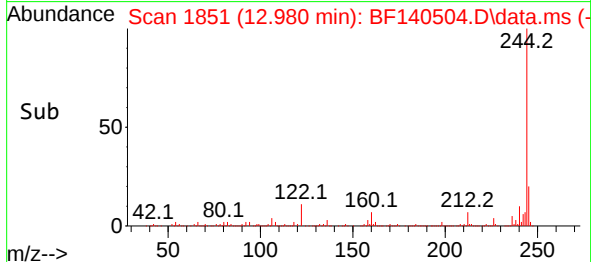
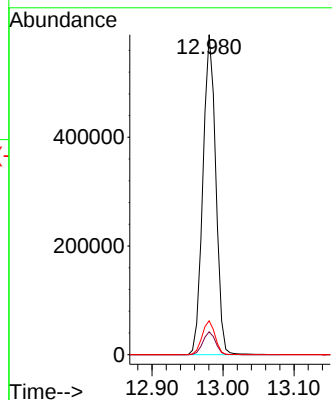


#79
 Terphenyl-d14
 Concen: 61.038 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140504.D
 Acq: 20 Nov 2024 17:24

Instrument :
 BNA_F
 ClientSampleId :
 MH-736



Tgt Ion:244 Resp: 744849
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.023 min
 Lab File: BF140504.D
 Acq: 20 Nov 2024 17:24

Tgt Ion:264 Resp: 212921
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.8 17.1 25.7

