

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142093.D
 Acq On : 26 Mar 2025 13:07
 Operator : RC/JU
 Sample : PB167291BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167291BL

Quant Time: Mar 26 13:41:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	128672	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	510860	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	278564	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	505504	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	368173	20.000	ng	0.00
86) Perylene-d12	15.504	264	300702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1062589	137.825	ng	0.00
7) Phenol-d6	6.492	99	1271968	129.579	ng	-0.01
23) Nitrobenzene-d5	7.428	82	851094	93.756	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	537502	152.097	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1770589	96.665	ng	-0.01
79) Terphenyl-d14	12.980	244	2477065	99.470	ng	0.00

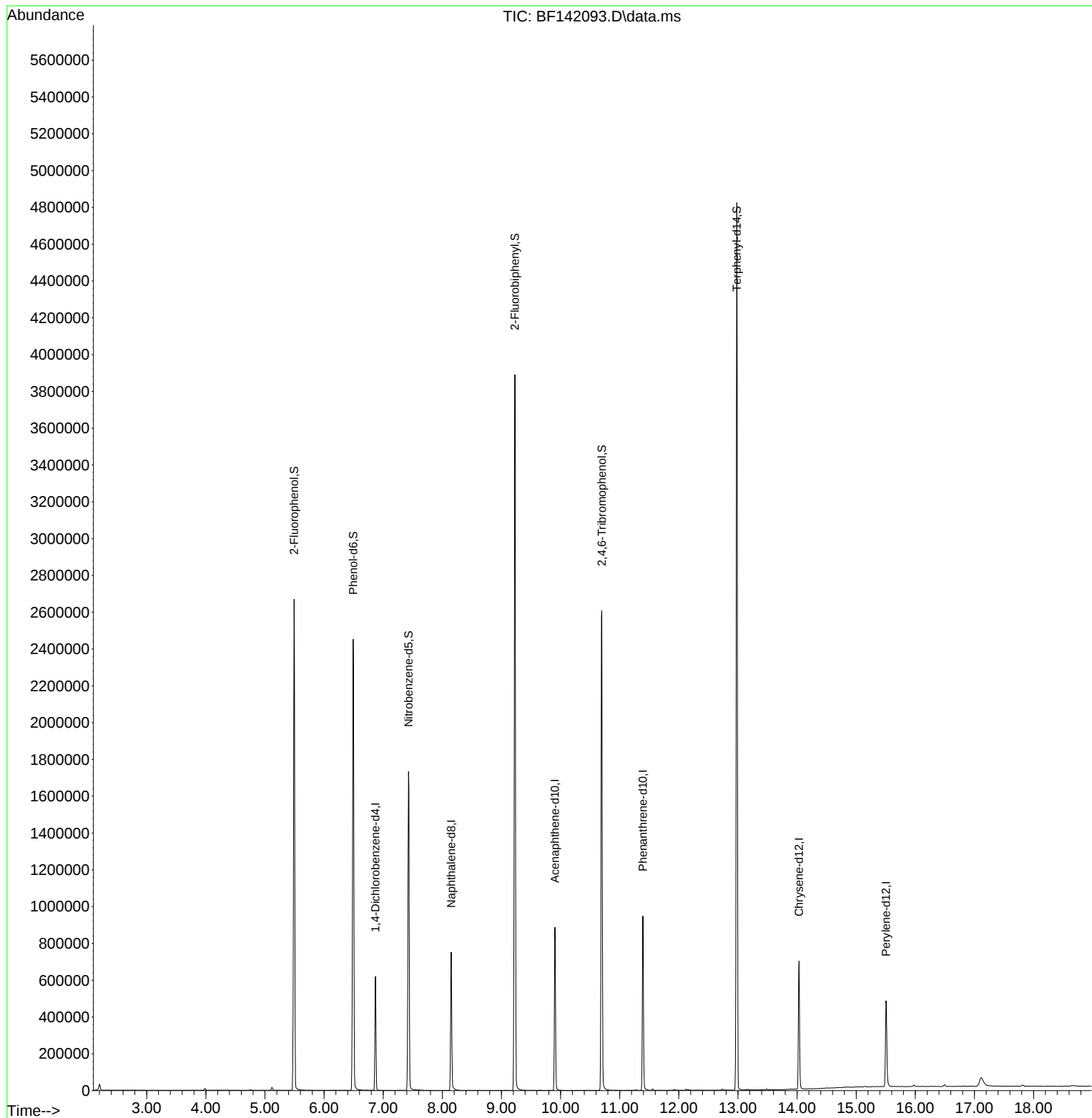
Target Compounds	Qvalue

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

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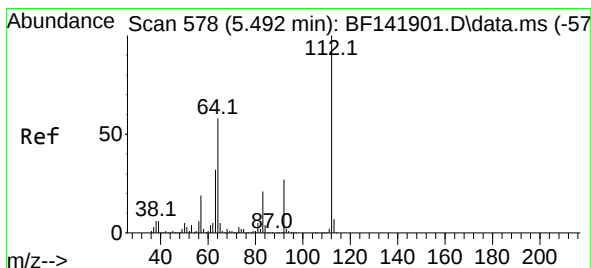
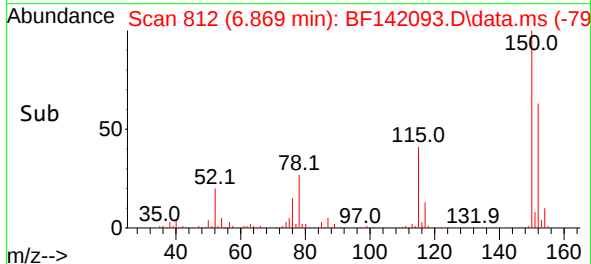
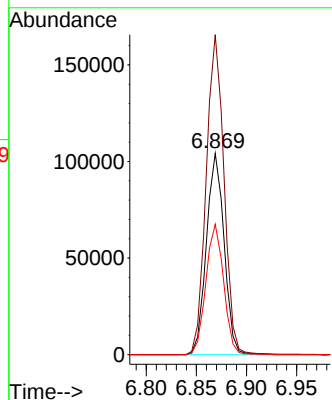
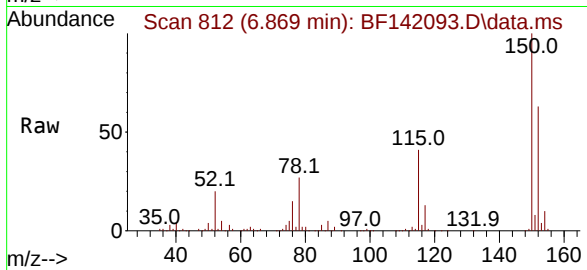




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

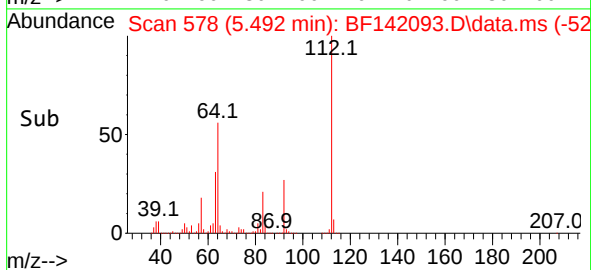
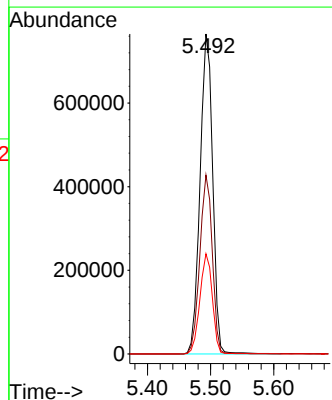
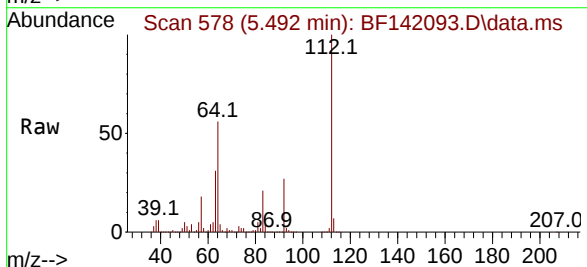
Instrument :
BNA_F
ClientSampleId :
PB167291BL

Tgt Ion:152 Resp: 128672
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.2
115 64.8 51.9 77.9



#5
2-Fluorophenol
Concen: 137.825 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

Tgt Ion:112 Resp: 1062589
Ion Ratio Lower Upper
112 100
64 55.9 46.5 69.7
63 31.3 25.4 38.2

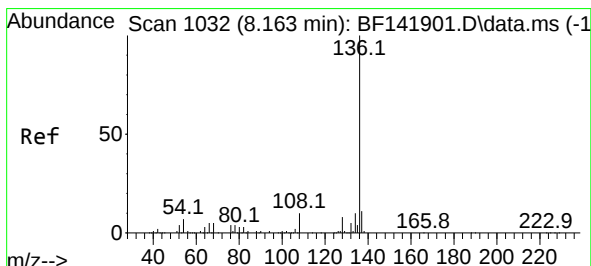
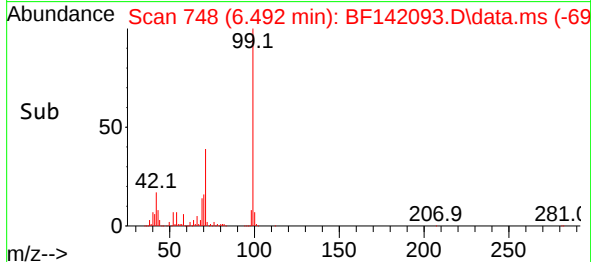
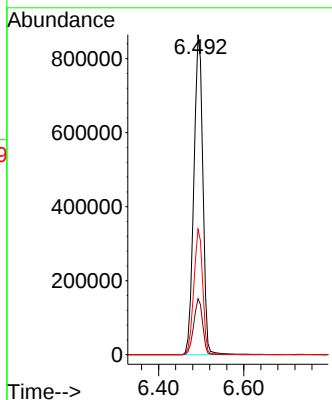
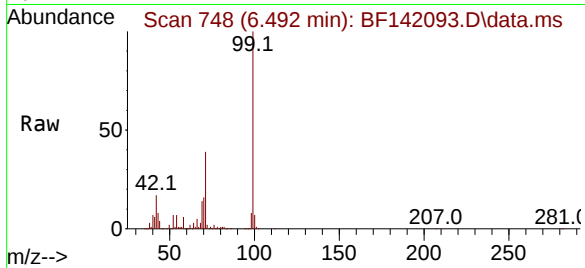




#7
Phenol-d6
Concen: 129.579 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

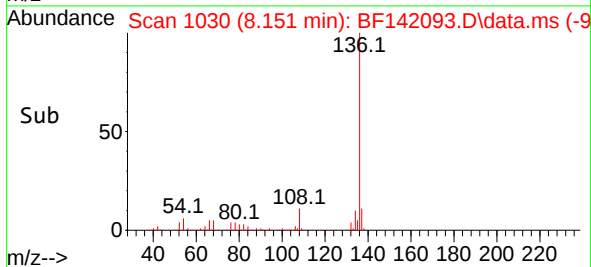
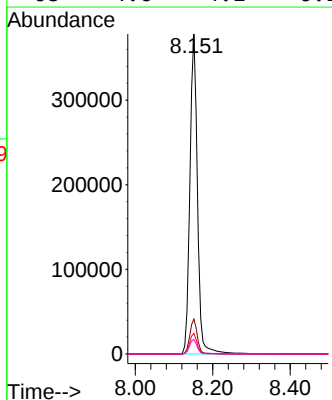
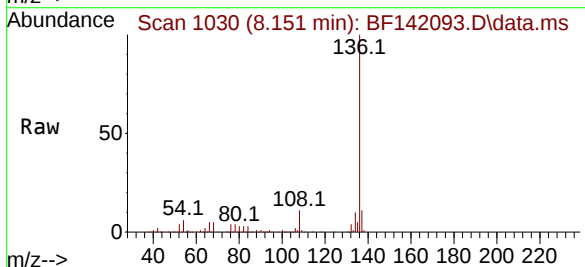
Instrument :
BNA_F
ClientSampleId :
PB167291BL

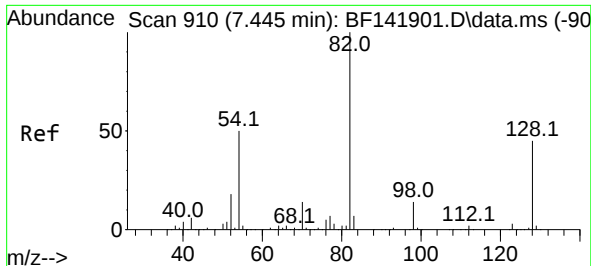
Tgt Ion: 99 Resp: 1271968
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 39.2 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

Tgt Ion: 136 Resp: 510860
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.4 5.8 8.8
68 4.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 93.756 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF142093.D

Acq: 26 Mar 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB167291BL

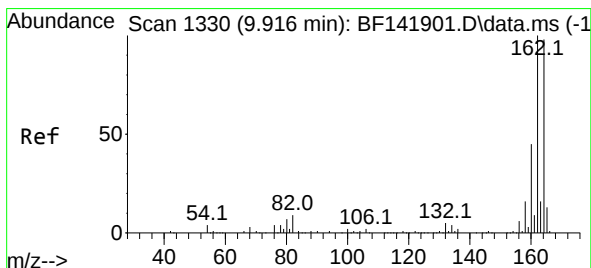
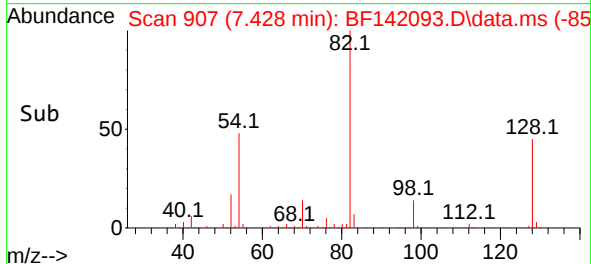
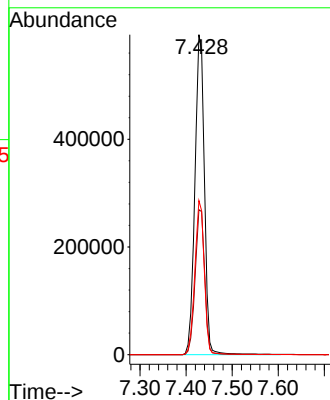
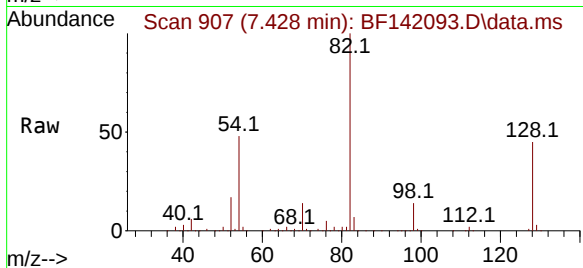
Tgt Ion: 82 Resp: 851094

Ion Ratio Lower Upper

82 100

128 45.3 36.0 54.0

54 48.2 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF142093.D

Acq: 26 Mar 2025 13:07

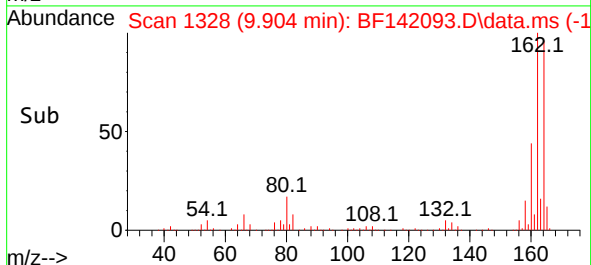
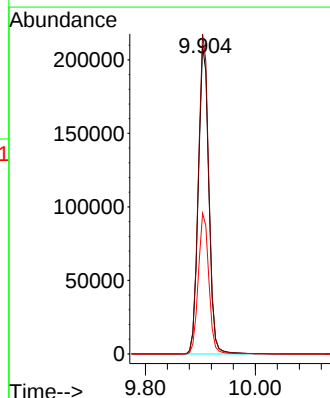
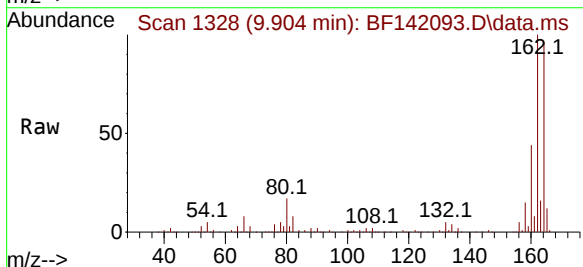
Tgt Ion:164 Resp: 278564

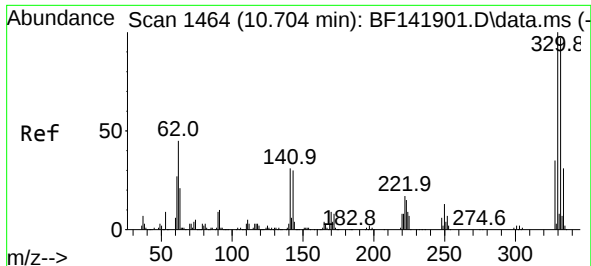
Ion Ratio Lower Upper

164 100

162 103.7 81.8 122.6

160 45.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 152.097 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142093.D

Acq: 26 Mar 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB167291BL

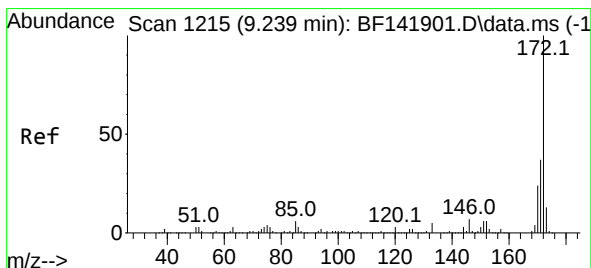
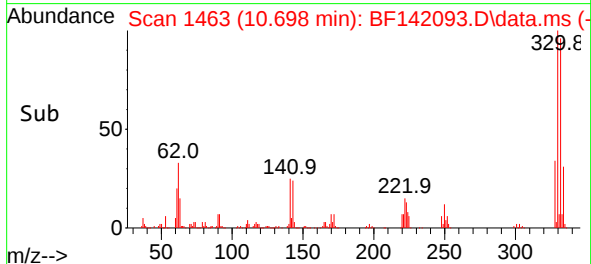
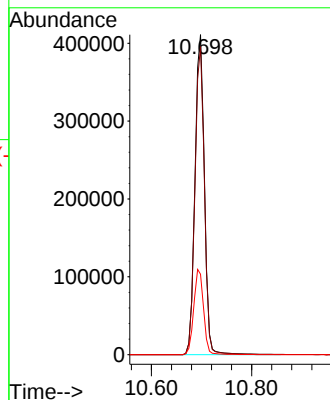
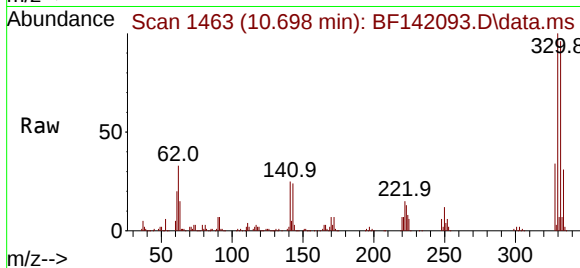
Tgt Ion:330 Resp: 537502

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 27.6 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 96.665 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142093.D

Acq: 26 Mar 2025 13:07

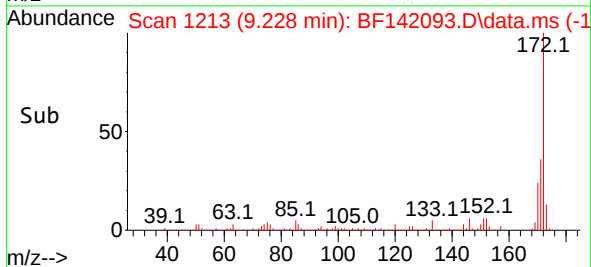
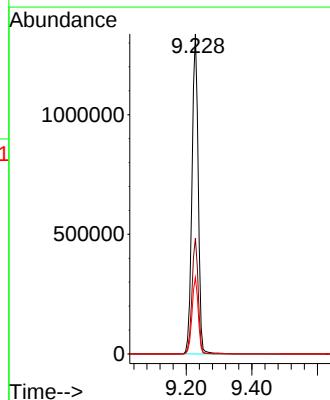
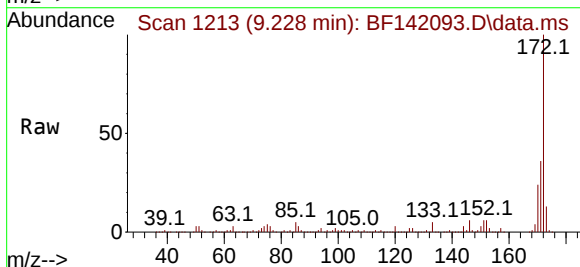
Tgt Ion:172 Resp: 1770589

Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

170 23.9 19.4 29.0

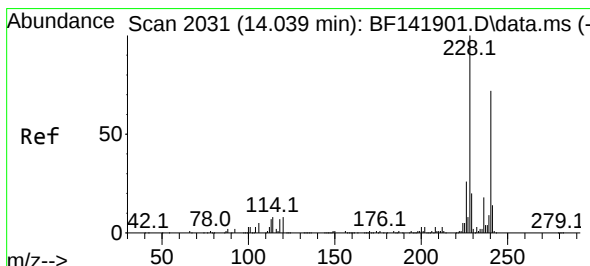
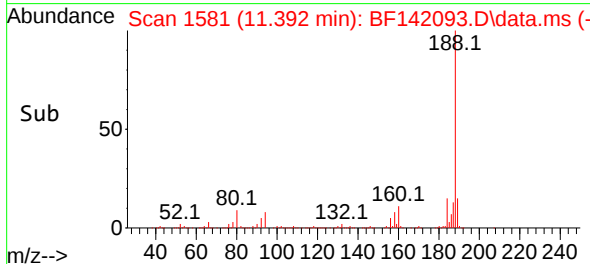
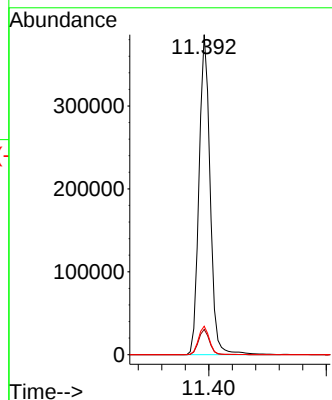
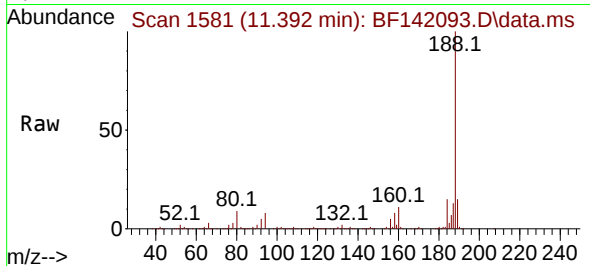




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

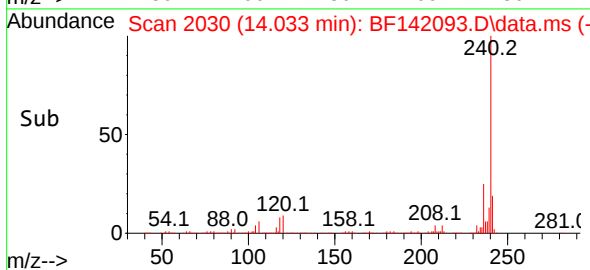
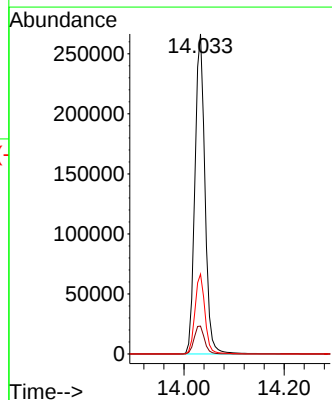
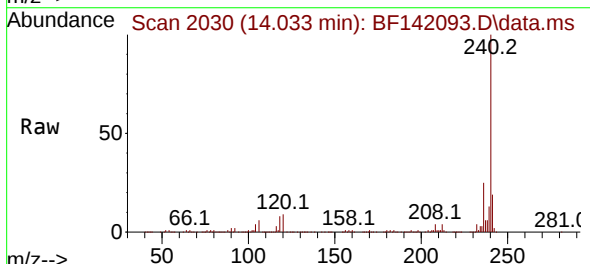
Instrument :
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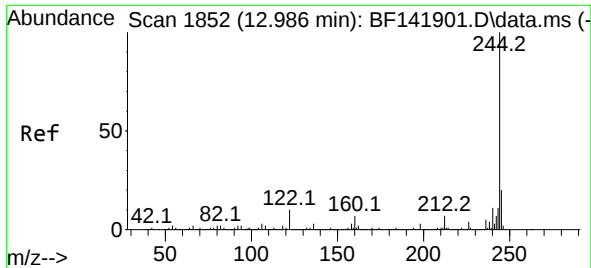
Tgt Ion:188 Resp: 505504
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142093.D
Acq: 26 Mar 2025 13:07

Tgt Ion:240 Resp: 368173
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.0 20.5 30.7

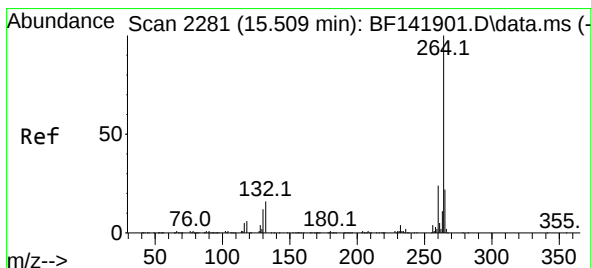
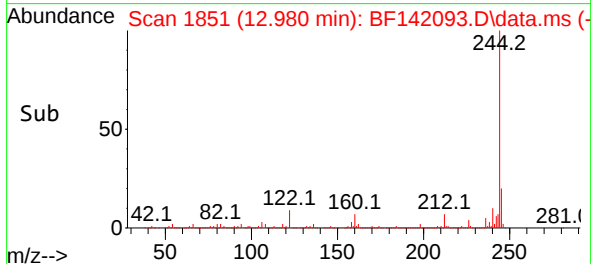
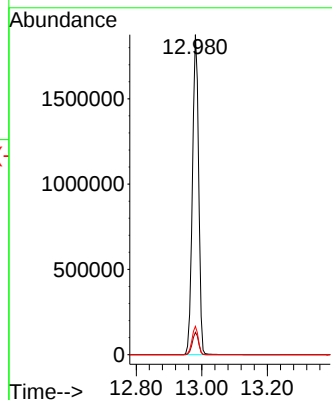
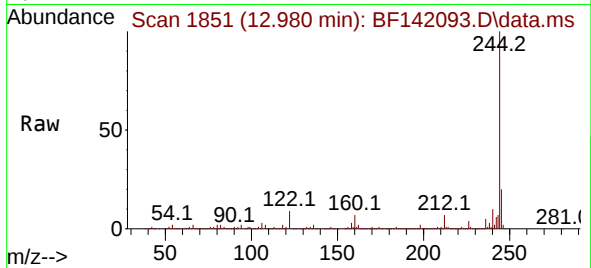




#79
 Terphenyl-d14
 Concen: 99.470 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142093.D
 Acq: 26 Mar 2025 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB167291BL

Tgt Ion:244 Resp: 2477065
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.9 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF142093.D
 Acq: 26 Mar 2025 13:07

Tgt Ion:264 Resp: 300702
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.1 17.5 26.3

