

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101625\
 Data File : BF143976.D
 Acq On : 16 Oct 2025 13:14
 Operator : RC/JU
 Sample : PB170122BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170122BL

Quant Time: Oct 16 14:40:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114882	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	446689	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	250092	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	435272	20.000	ng	0.00
76) Chrysene-d12	14.063	240	248454	20.000	ng	0.00
86) Perylene-d12	15.551	264	217130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	934966	129.238	ng	0.00
7) Phenol-d6	6.504	99	1103013	127.913	ng	-0.01
23) Nitrobenzene-d5	7.439	82	712415	96.897	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	348268	139.812	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1327895	84.250	ng	-0.01
79) Terphenyl-d14	13.004	244	1493866	102.761	ng	0.00

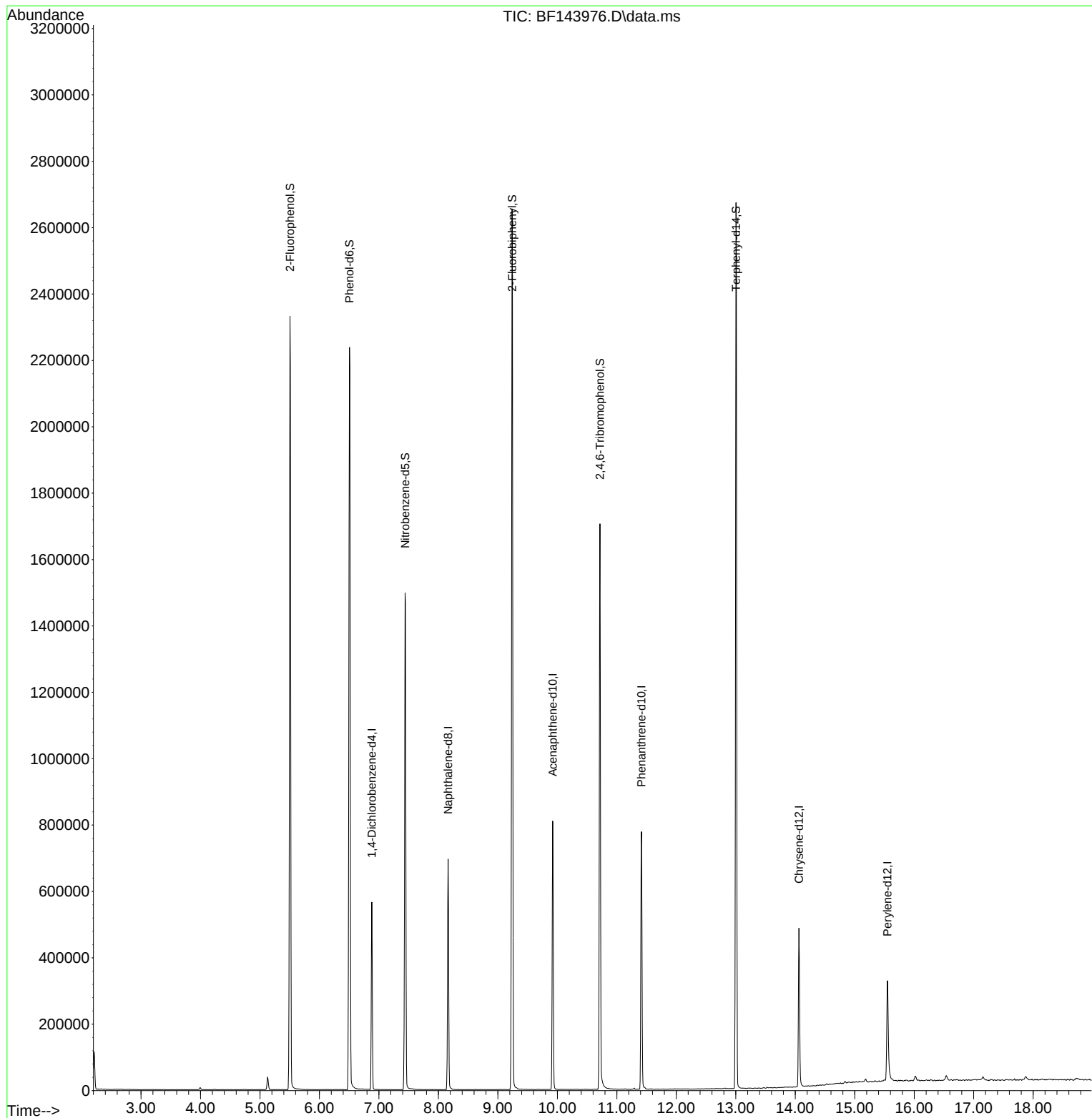
Target Compounds	Qvalue

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

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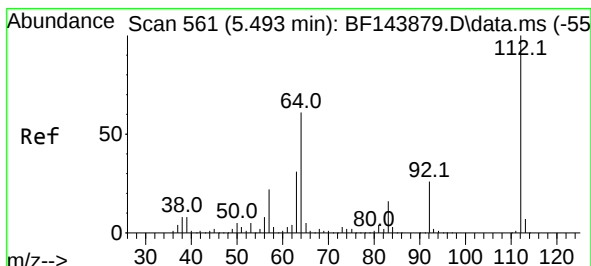
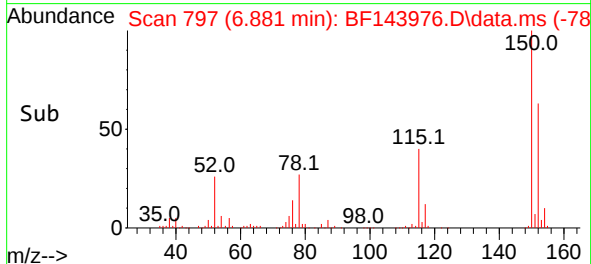
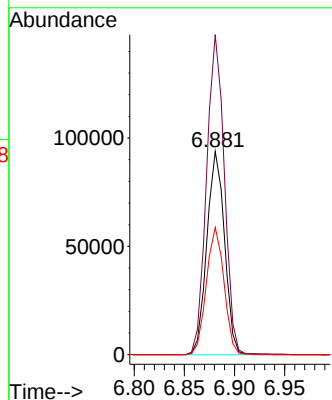
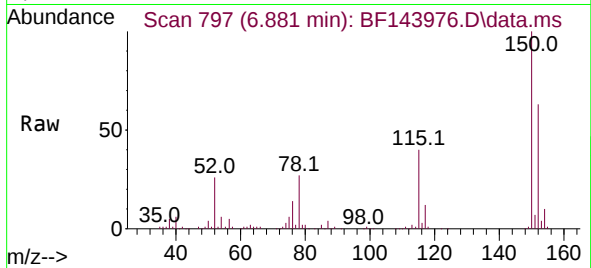




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

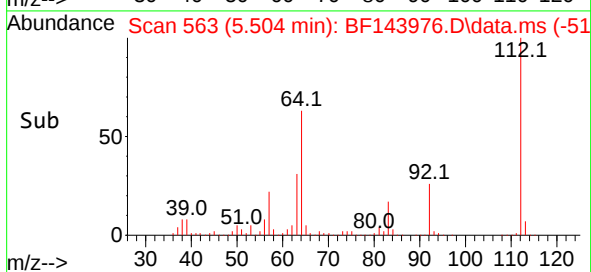
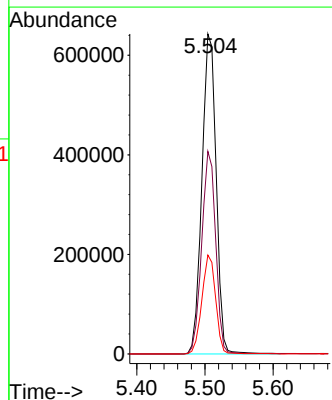
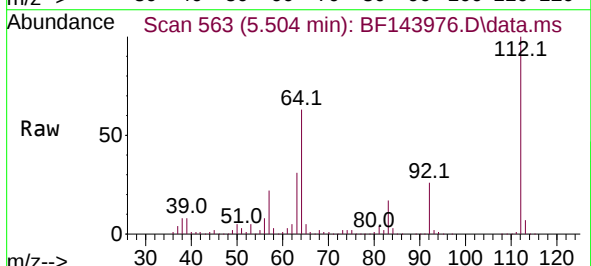
Instrument :
BNA_F
ClientSampleId :
PB170122BL

Tgt Ion:152 Resp: 114882
Ion Ratio Lower Upper
152 100
150 157.6 124.4 186.6
115 62.6 48.1 72.1



#5
2-Fluorophenol
Concen: 129.238 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

Tgt Ion:112 Resp: 934966
Ion Ratio Lower Upper
112 100
64 63.3 49.1 73.7
63 30.9 24.5 36.7

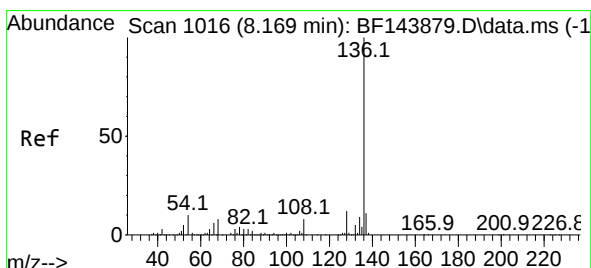
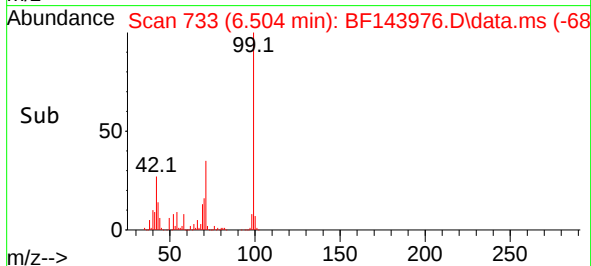
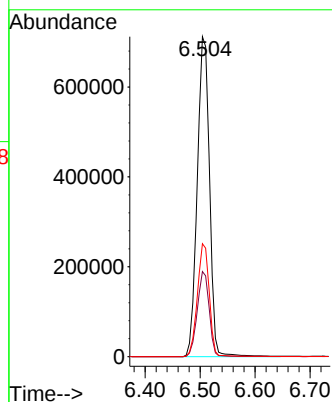
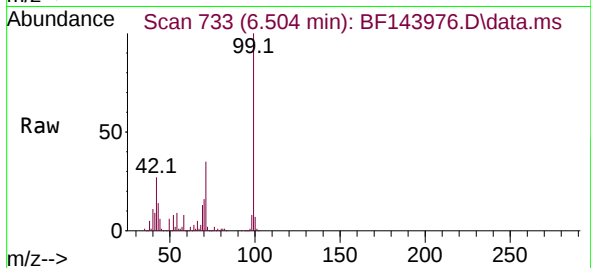




#7
Phenol-d6
Concen: 127.913 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

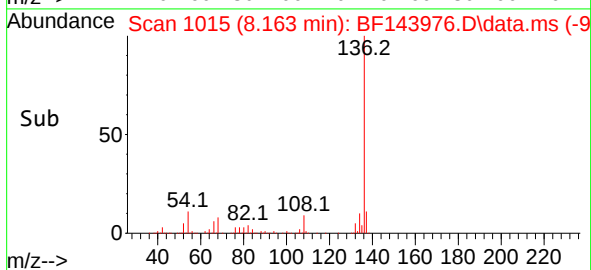
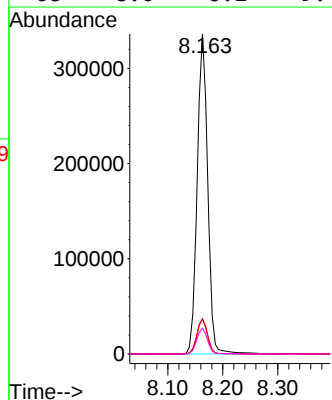
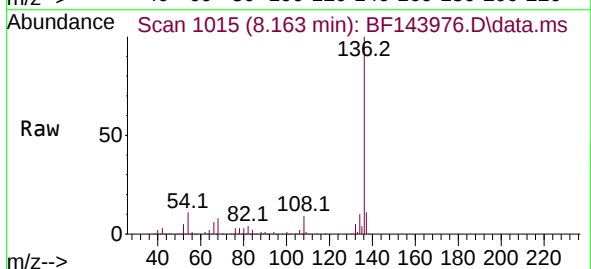
Instrument :
BNA_F
ClientSampleId :
PB170122BL

Tgt Ion: 99 Resp: 1103013
Ion Ratio Lower Upper
99 100
42 26.6 21.0 31.4
71 35.3 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

Tgt Ion:136 Resp: 446689
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.9 8.2 12.4
68 8.0 6.2 9.4





#23

Nitrobenzene-d5

Concen: 96.897 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF143976.D

Acq: 16 Oct 2025 13:14

Instrument :

BNA_F

ClientSampleId :

PB170122BL

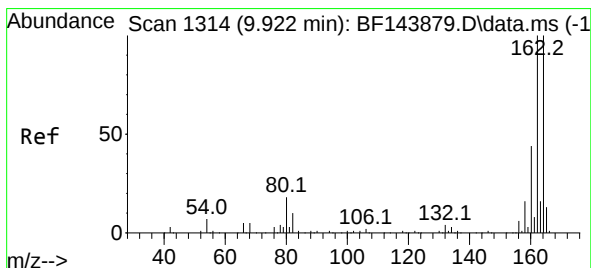
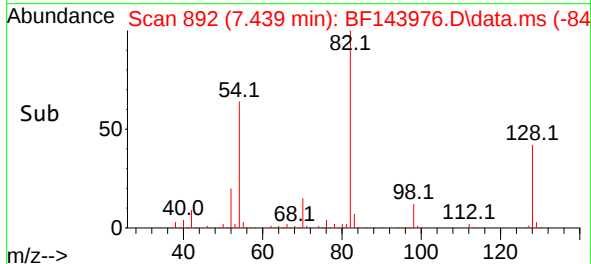
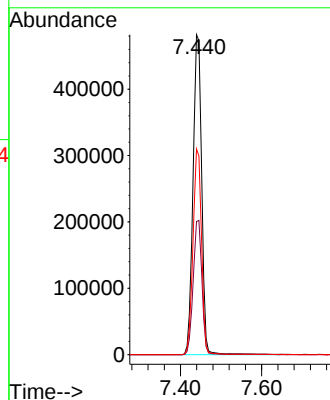
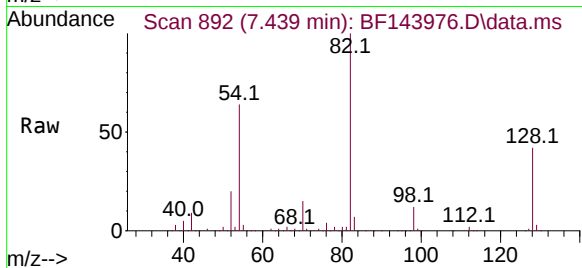
Tgt Ion: 82 Resp: 712415

Ion Ratio Lower Upper

82 100

128 41.6 34.0 51.0

54 64.3 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143976.D

Acq: 16 Oct 2025 13:14

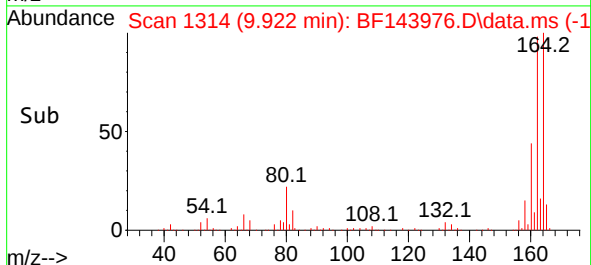
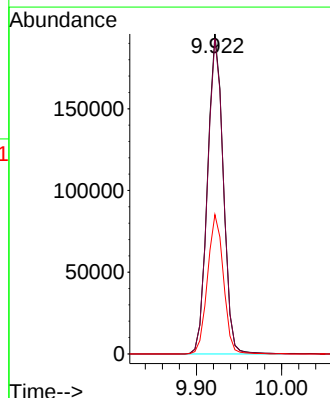
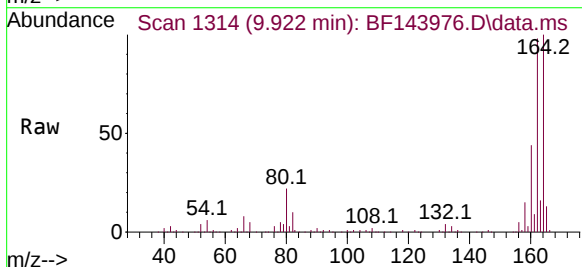
Tgt Ion:164 Resp: 250092

Ion Ratio Lower Upper

164 100

162 98.5 80.2 120.2

160 43.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 139.812 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143976.D

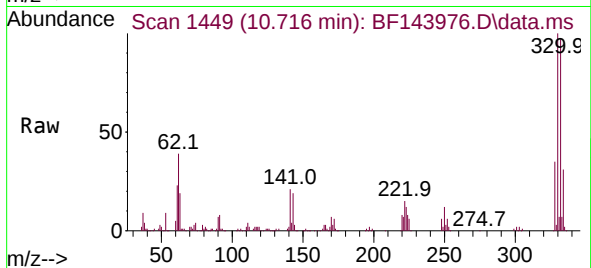
Acq: 16 Oct 2025 13:14

Instrument :

BNA_F

ClientSampleId :

PB170122BL



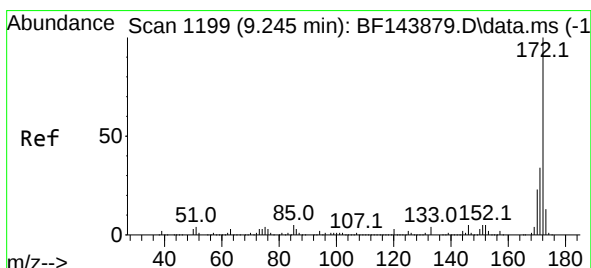
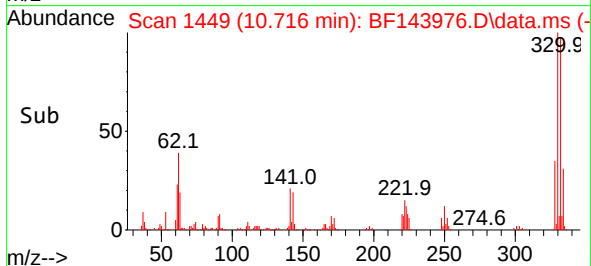
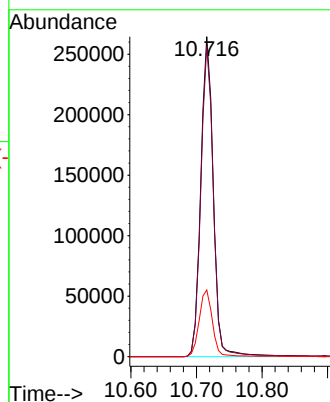
Tgt Ion:330 Resp: 348268

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 22.1 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 84.250 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143976.D

Acq: 16 Oct 2025 13:14

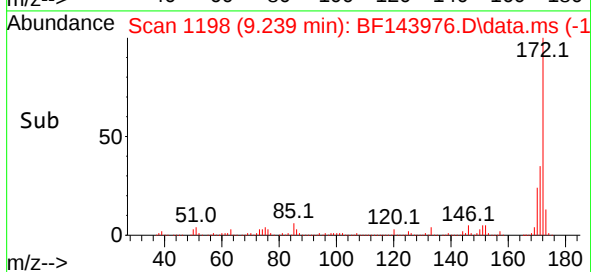
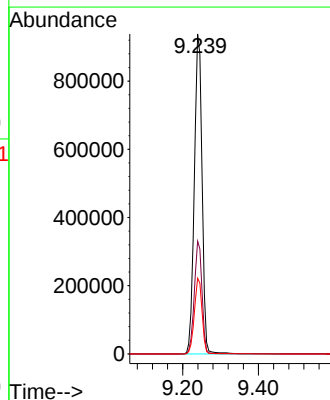
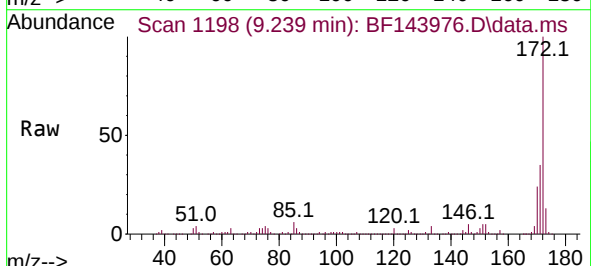
Tgt Ion:172 Resp: 1327895

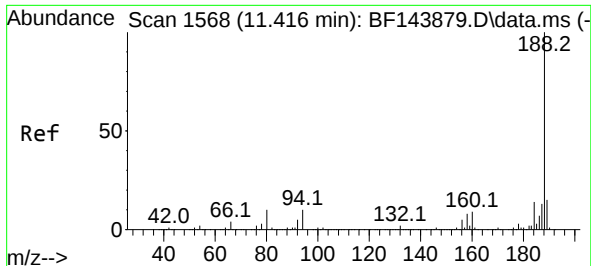
Ion Ratio Lower Upper

172 100

171 35.2 27.4 41.0

170 23.6 18.6 28.0

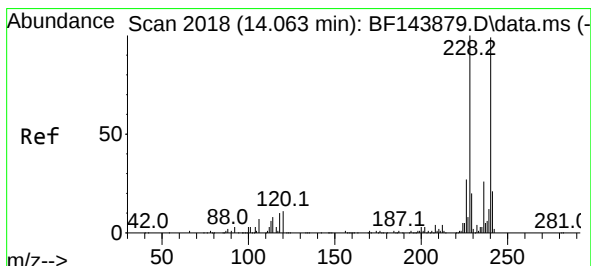
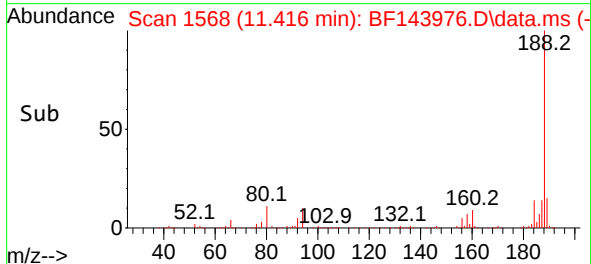
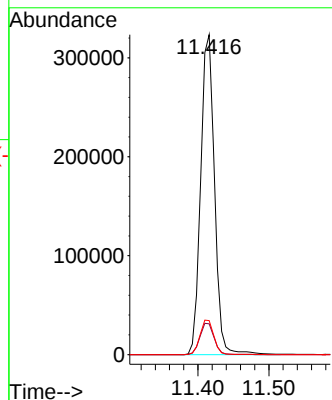
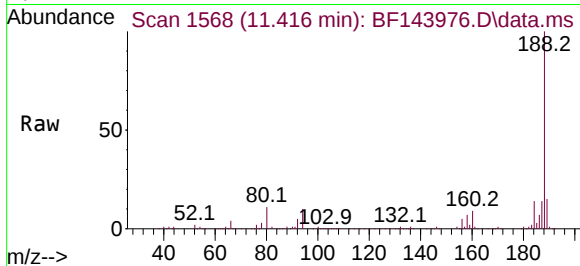




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

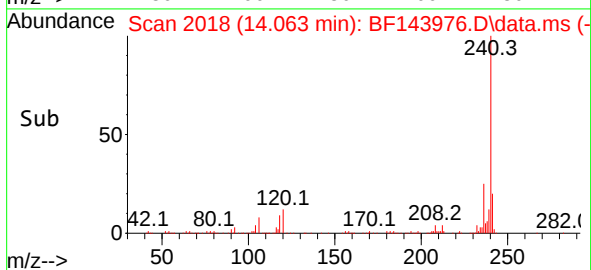
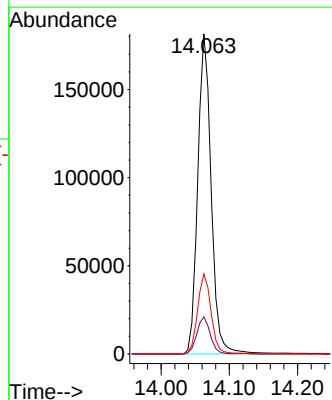
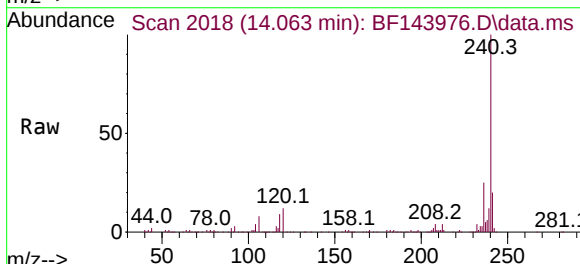
Instrument :
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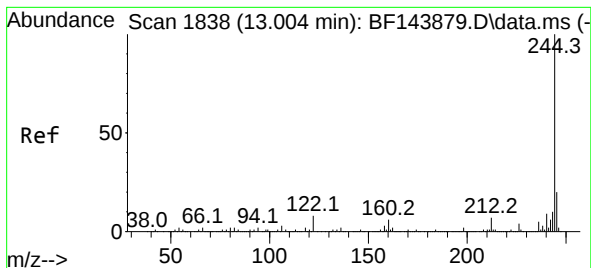
Tgt Ion:188 Resp: 435272
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143976.D
Acq: 16 Oct 2025 13:14

Tgt Ion:240 Resp: 248454
Ion Ratio Lower Upper
240 100
120 11.5 8.6 13.0
236 25.0 21.1 31.7





#79

Terphenyl-d14

Concen: 102.761 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143976.D

Acq: 16 Oct 2025 13:14

Instrument :

BNA_F

ClientSampleId :

PB170122BL

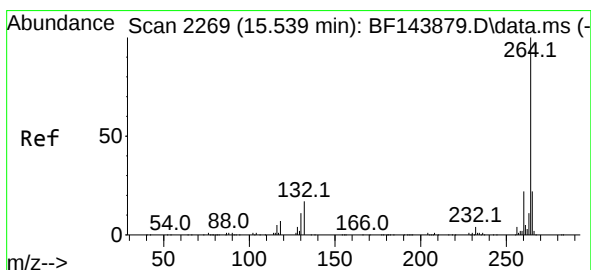
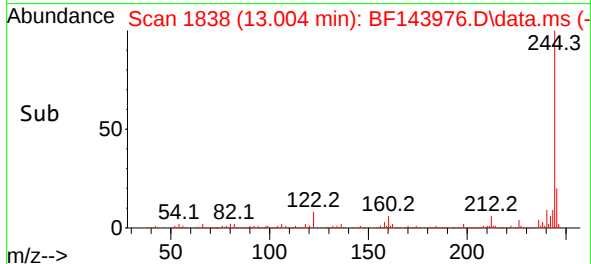
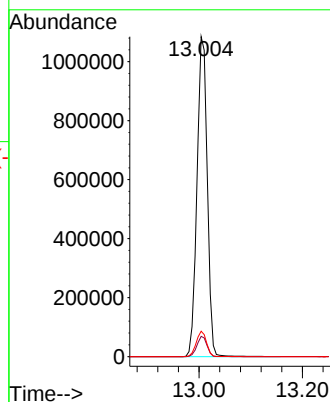
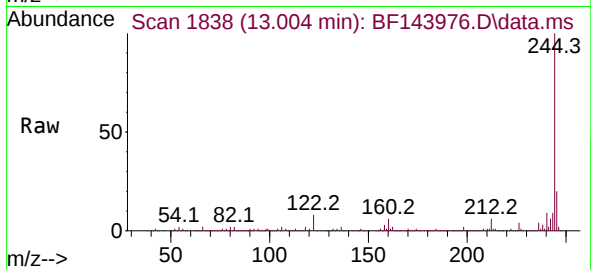
Tgt Ion:244 Resp: 1493866

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 7.9 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF143976.D

Acq: 16 Oct 2025 13:14

Tgt Ion:264 Resp: 217130

Ion Ratio Lower Upper

264 100

260 22.2 17.8 26.8

265 20.8 17.5 26.3

