

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142272.D
 Acq On : 01 May 2025 20:49
 Operator : RC/JU
 Sample : Q1901-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-170-SB02

Quant Time: May 02 01:09:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	191116	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	720969	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	342220	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	490996	20.000	ng	0.00
76) Chrysene-d12	14.062	240	440399	20.000	ng	-0.01
86) Perylene-d12	15.557	264	434416	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	885089	73.962	ng	0.00
7) Phenol-d6	6.516	99	1088394	75.318	ng	-0.01
23) Nitrobenzene-d5	7.463	82	624188	56.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	243819	78.152	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1306976	53.848	ng	0.00
79) Terphenyl-d14	13.015	244	1131952	37.382	ng	0.00

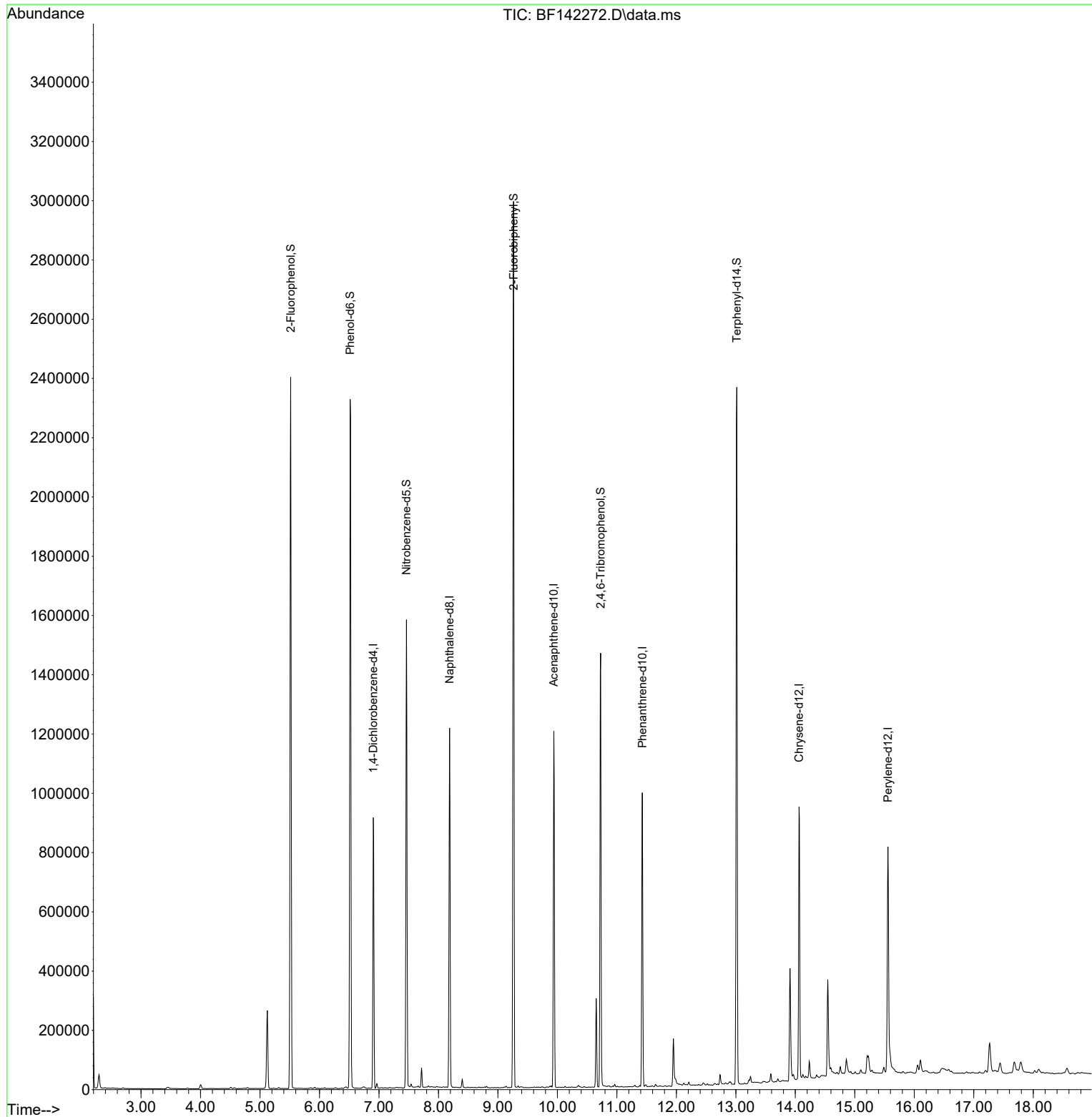
Target Compounds	Qvalue

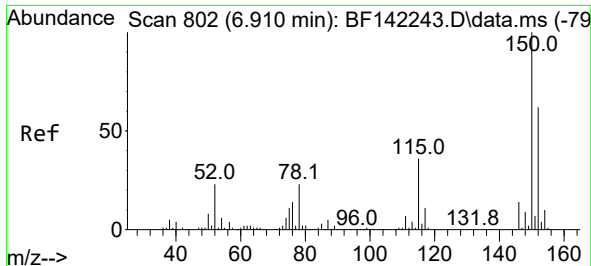
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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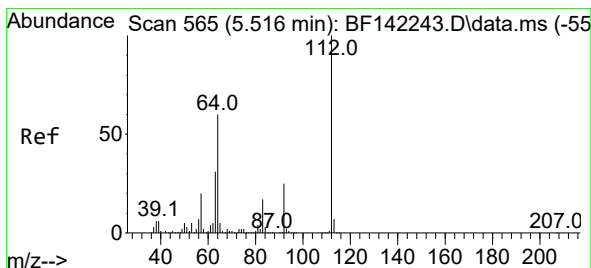
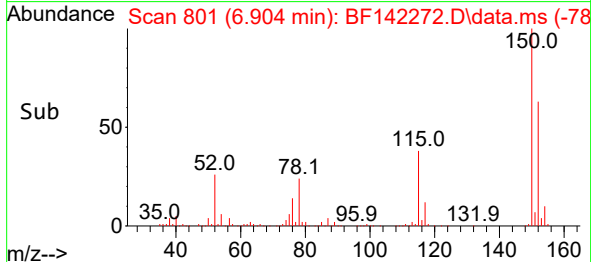
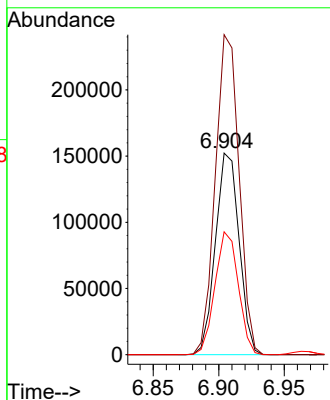
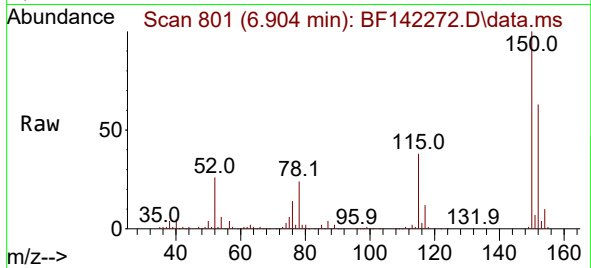




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

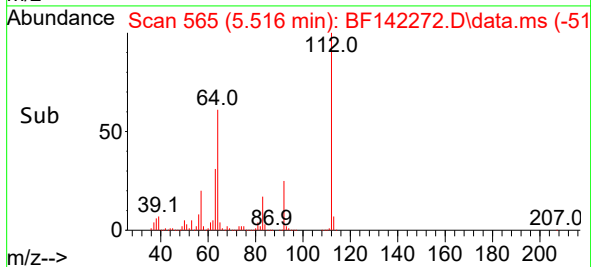
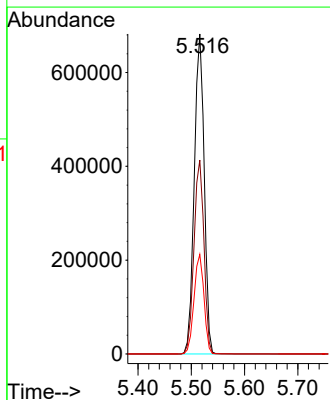
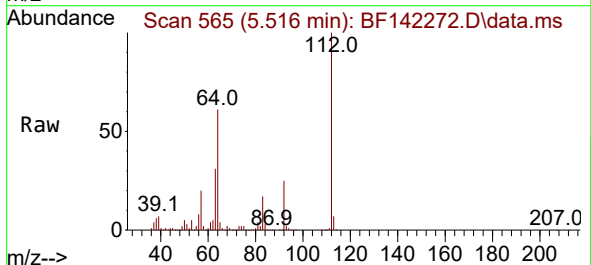
Instrument :
BNA_F
ClientSampleId :
B-170-SB02

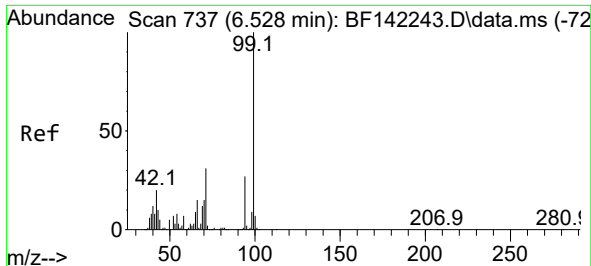
Tgt Ion:152 Resp: 191116
Ion Ratio Lower Upper
152 100
150 158.7 130.2 195.2
115 60.9 47.0 70.4



#5
2-Fluorophenol
Concen: 73.962 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

Tgt Ion:112 Resp: 885089
Ion Ratio Lower Upper
112 100
64 60.6 48.4 72.6
63 31.1 24.8 37.2

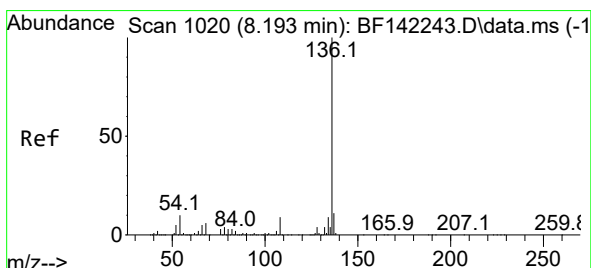
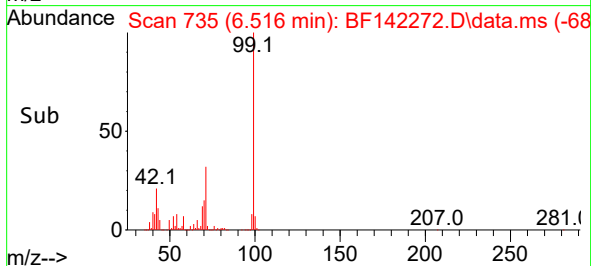
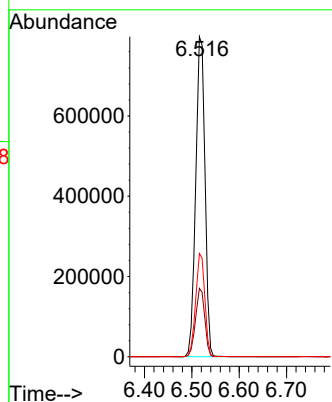
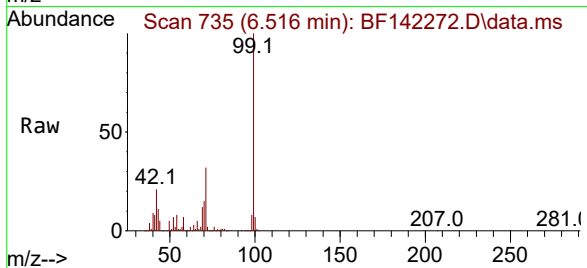




#7
Phenol-d6
Concen: 75.318 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

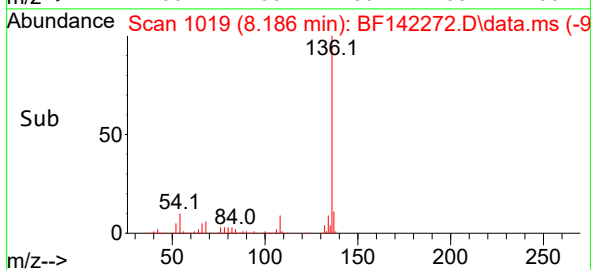
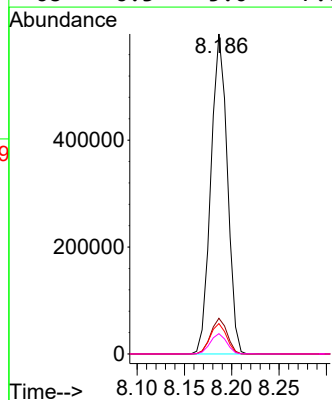
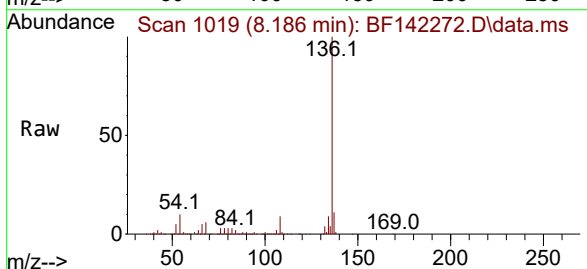
Instrument :
BNA_F
ClientSampleId :
B-170-SB02

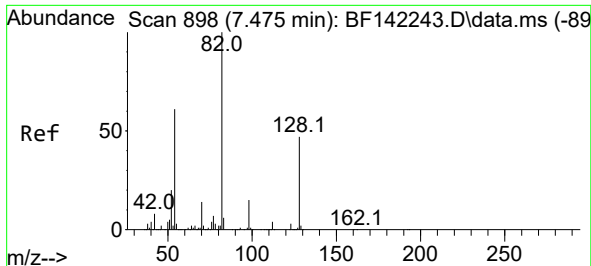
Tgt Ion: 99 Resp: 1088394
Ion Ratio Lower Upper
99 100
42 21.4 16.3 24.5
71 32.2 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

Tgt Ion: 136 Resp: 720969
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.5 7.7 11.5
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 56.878 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142272.D

Acq: 01 May 2025 20:49

Instrument :

BNA_F

ClientSampleId :

B-170-SB02

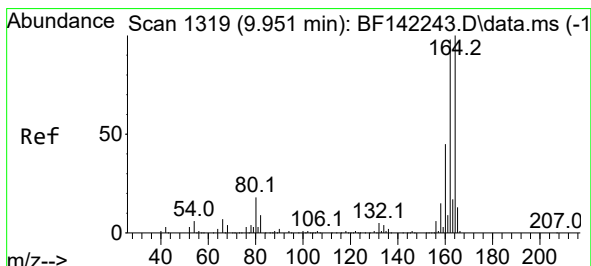
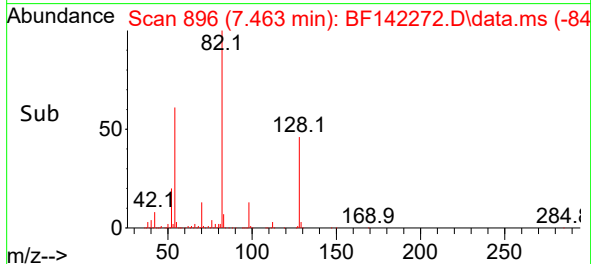
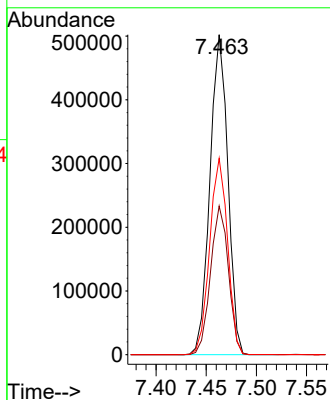
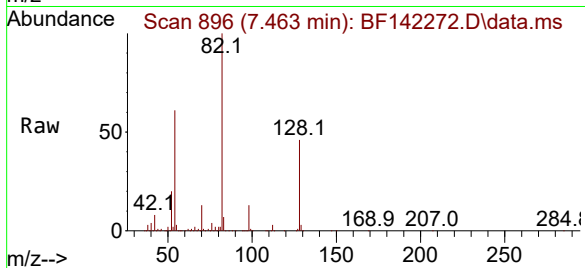
Tgt Ion: 82 Resp: 624188

Ion Ratio Lower Upper

82 100

128 46.4 37.0 55.6

54 61.4 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF142272.D

Acq: 01 May 2025 20:49

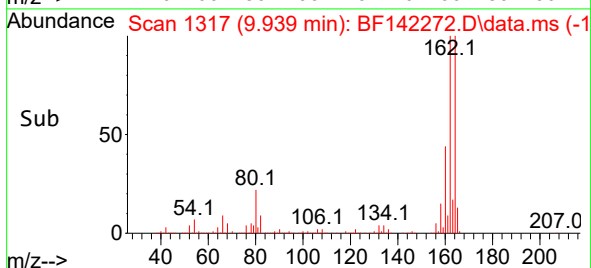
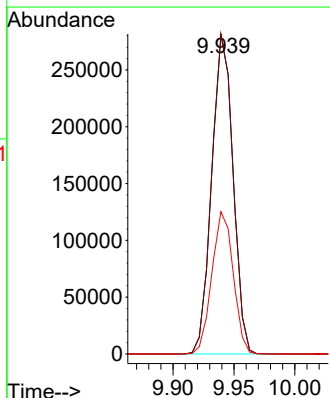
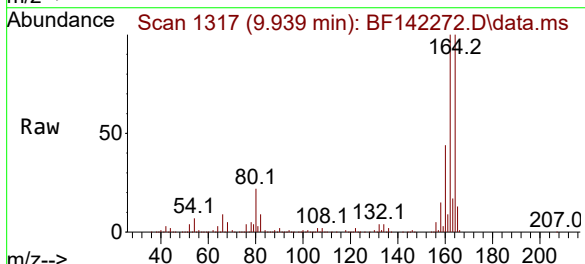
Tgt Ion:164 Resp: 342220

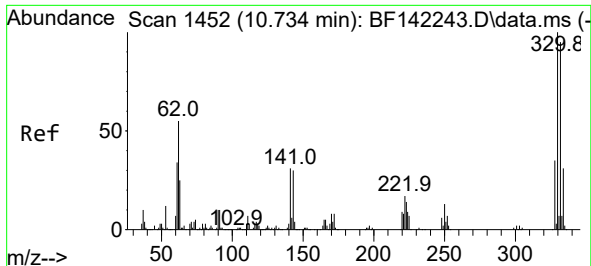
Ion Ratio Lower Upper

164 100

162 100.3 78.6 117.8

160 44.6 35.7 53.5

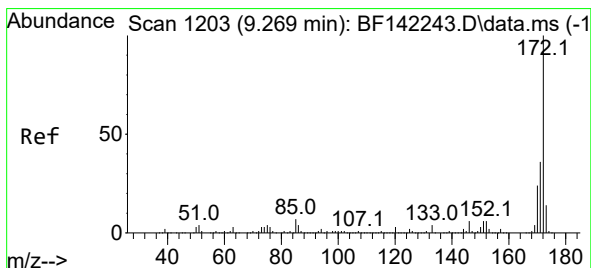
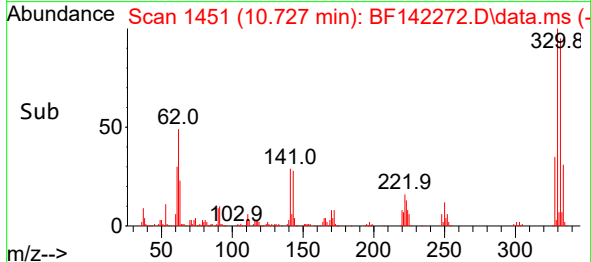
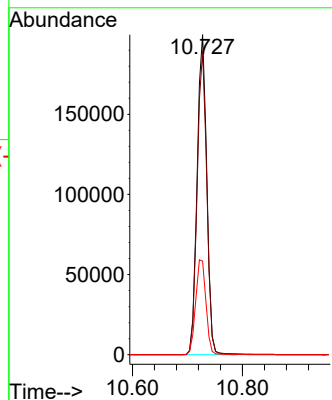
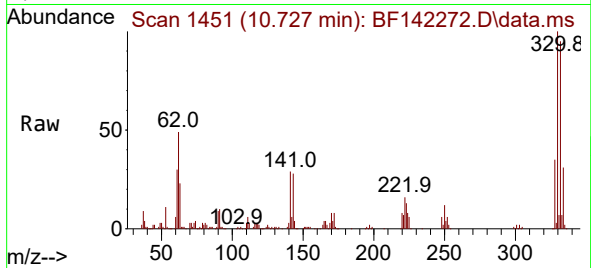




#42
2,4,6-Tribromophenol
Concen: 78.152 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

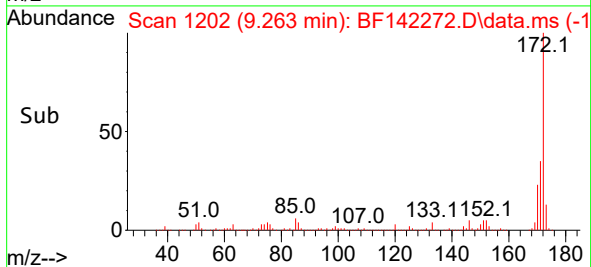
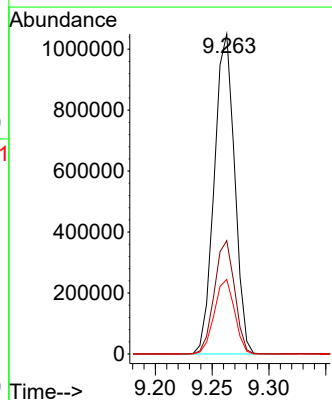
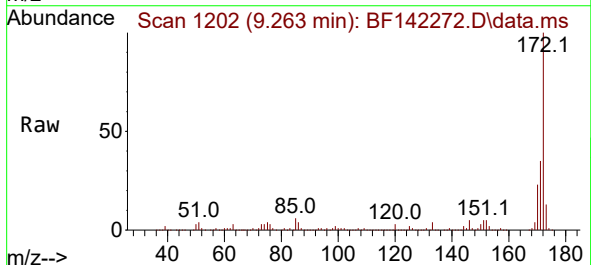
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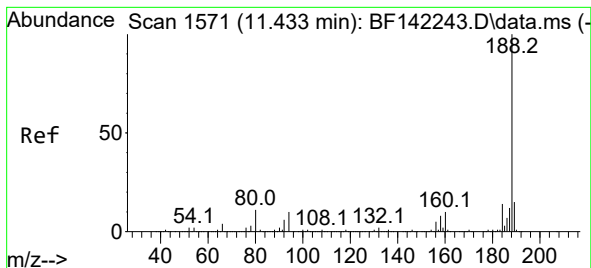
Tgt Ion: 330 Resp: 243819
Ion Ratio Lower Upper
330 100
332 94.6 76.5 114.7
141 31.5 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 53.848 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142272.D
Acq: 01 May 2025 20:49

Tgt Ion: 172 Resp: 1306976
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 23.3 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142272.D

Acq: 01 May 2025 20:49

Instrument :

BNA_F

ClientSampleId :

B-170-SB02

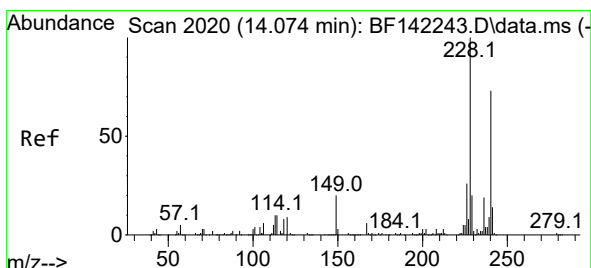
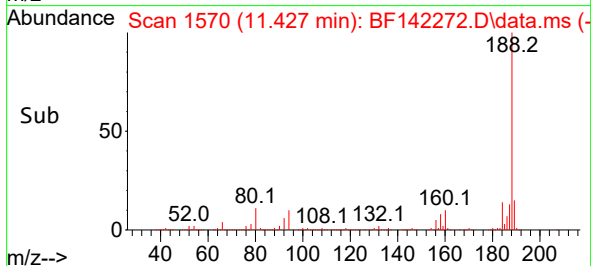
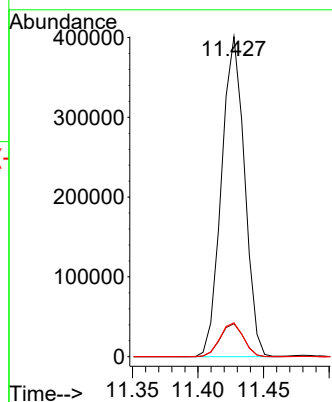
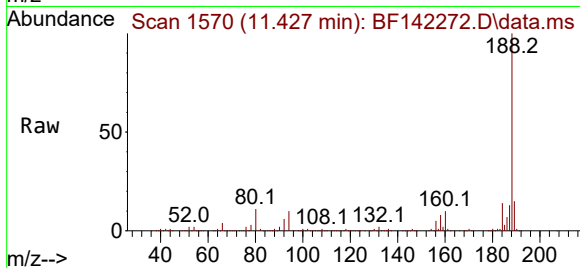
Tgt Ion:188 Resp: 490996

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

80 10.6 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF142272.D

Acq: 01 May 2025 20:49

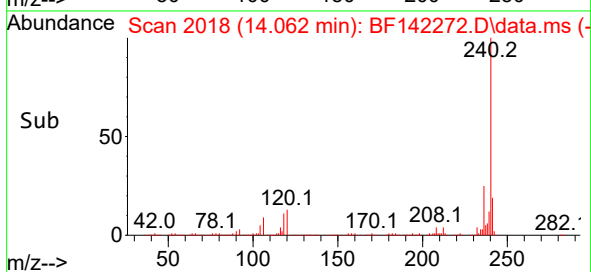
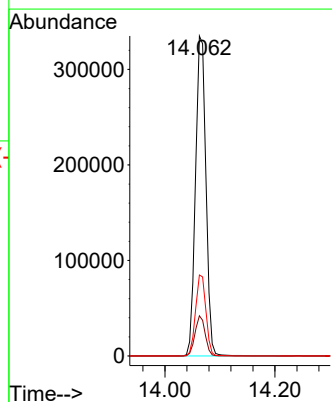
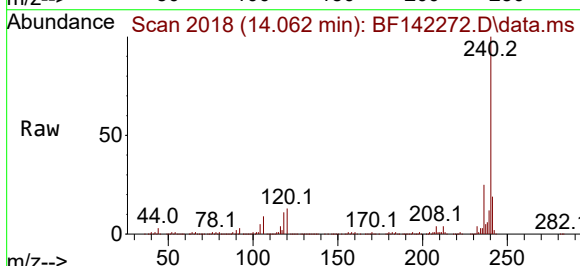
Tgt Ion:240 Resp: 440399

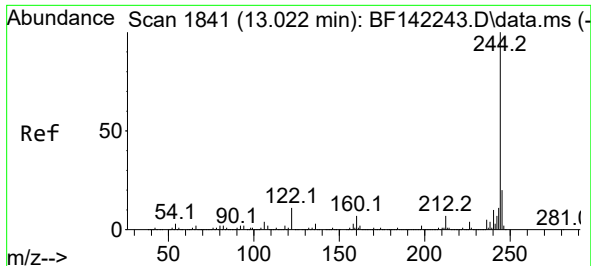
Ion Ratio Lower Upper

240 100

120 12.6 10.1 15.1

236 25.3 20.5 30.7

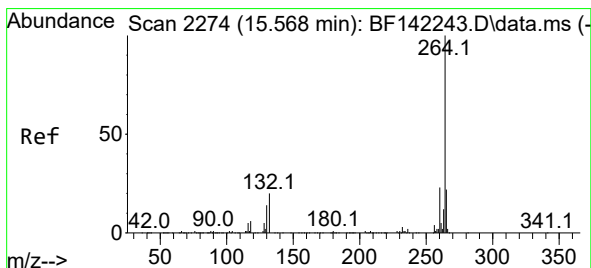
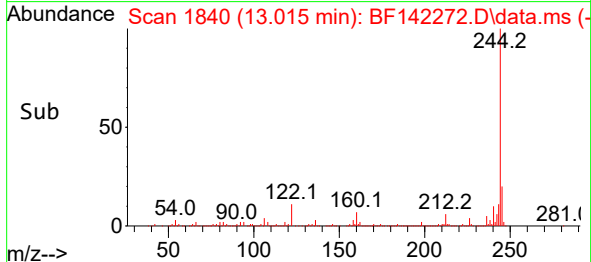
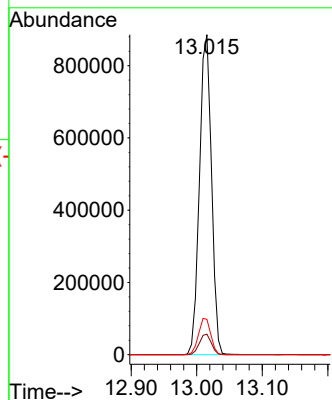
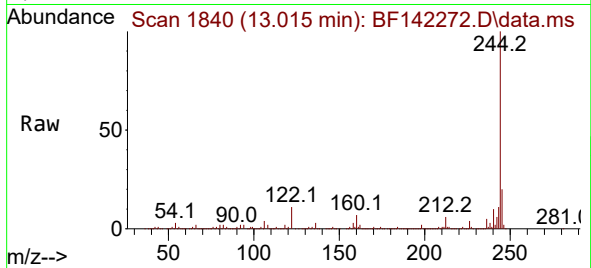




#79
 Terphenyl-d14
 Concen: 37.382 ng
 RT: 13.015 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142272.D
 Acq: 01 May 2025 20:49

Instrument :
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 ClientSampleId :
 B-170-SB02

Tgt Ion:244 Resp: 1131952
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 11.1 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142272.D
 Acq: 01 May 2025 20:49

Tgt Ion:264 Resp: 434416
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.7 17.3 25.9

