

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
 Data File : BF142503.D
 Acq On : 22 May 2025 11:41
 Operator : RC/JU
 Sample : PB168104BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168104BL

Quant Time: May 22 12:15:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	106342	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	405765	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	222587	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	396430	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	212275	20.000	ng	-0.01
86) Perylene-d12	15.557	264	198128	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	771318	122.198	ng	0.00
7) Phenol-d6	6.522	99	922054	121.352	ng	-0.01
23) Nitrobenzene-d5	7.457	82	572189	76.894	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	314073	127.133	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1227868	74.022	ng	-0.01
79) Terphenyl-d14	13.010	244	1183197	76.170	ng	0.00

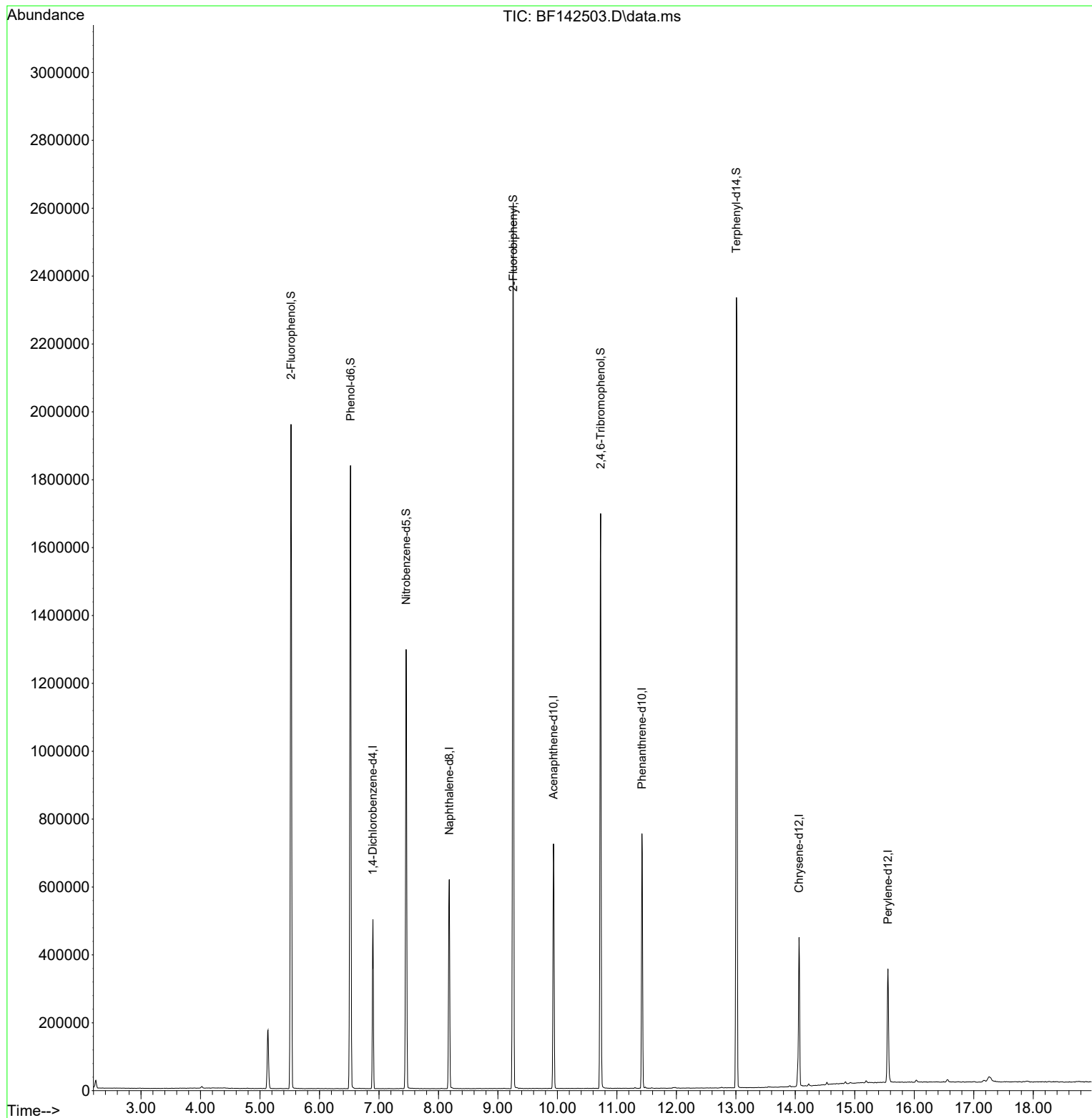
Target Compounds	Qvalue

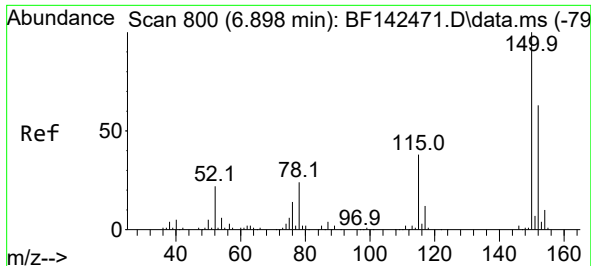
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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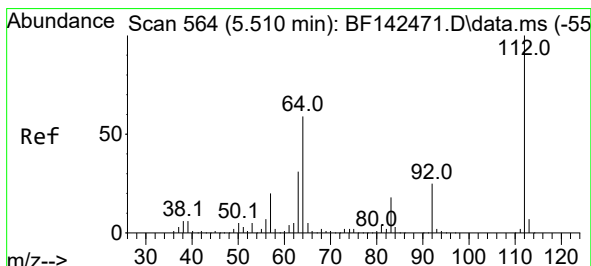
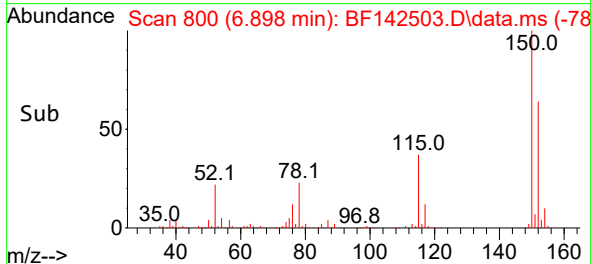
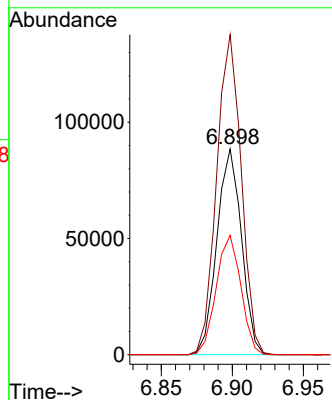
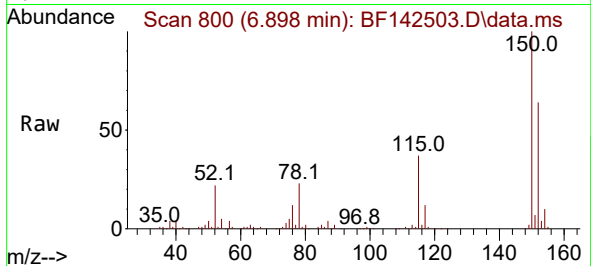




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

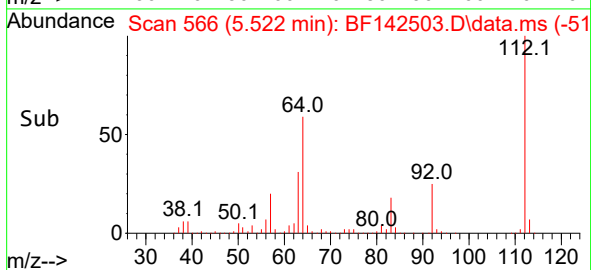
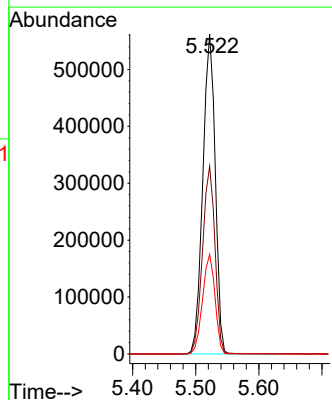
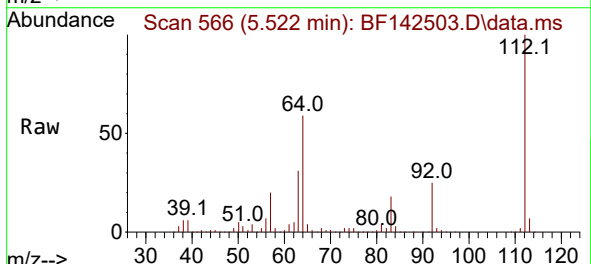
Instrument :
BNA_F
ClientSampleId :
PB168104BL

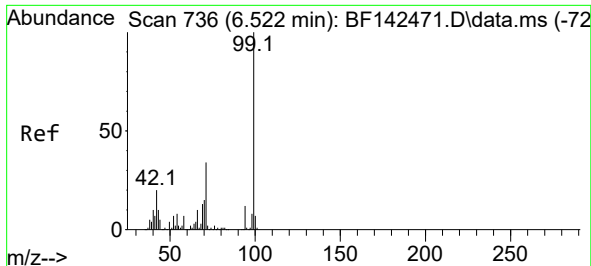
Tgt Ion:152 Resp: 106342
Ion Ratio Lower Upper
152 100
150 155.5 128.2 192.4
115 58.0 48.3 72.5



#5
2-Fluorophenol
Concen: 122.198 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

Tgt Ion:112 Resp: 771318
Ion Ratio Lower Upper
112 100
64 58.7 47.5 71.3
63 31.1 24.9 37.3

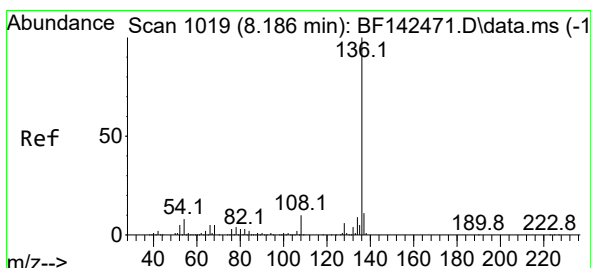
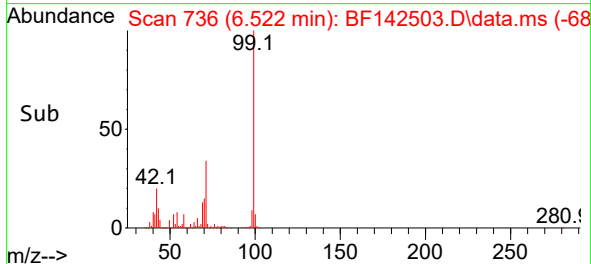
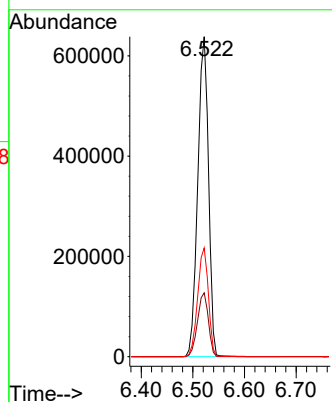
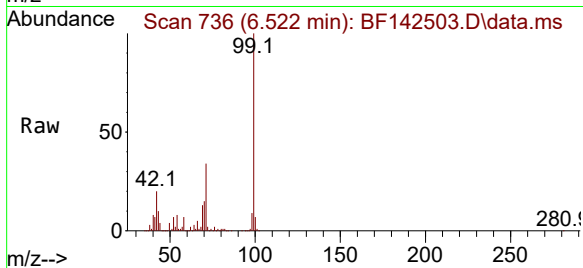




#7
Phenol-d6
Concen: 121.352 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

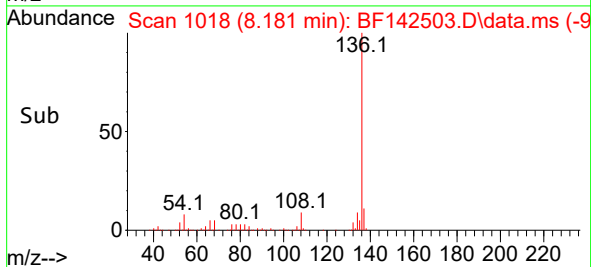
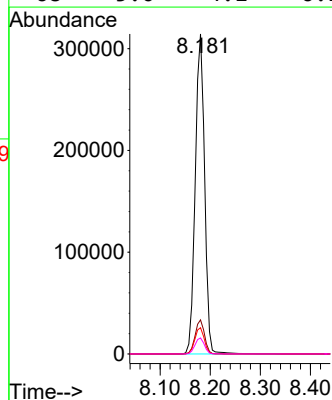
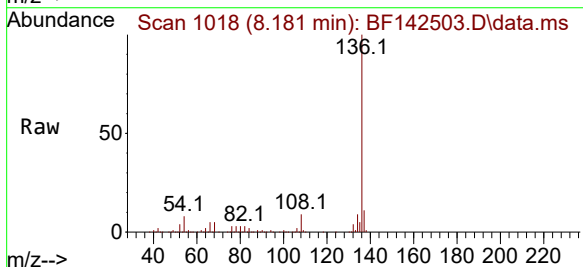
Instrument :
BNA_F
ClientSampleId :
PB168104BL

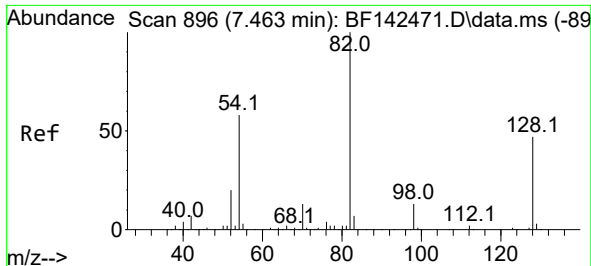
Tgt Ion: 99 Resp: 922054
Ion Ratio Lower Upper
99 100
42 19.9 16.2 24.2
71 34.0 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

Tgt Ion:136 Resp: 405765
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 6.6 10.0
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 76.894 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF142503.D

Acq: 22 May 2025 11:41

Instrument :

BNA_F

ClientSampleId :

PB168104BL

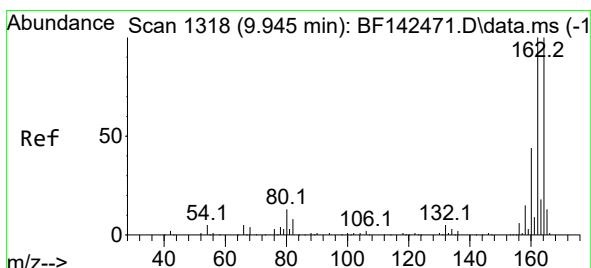
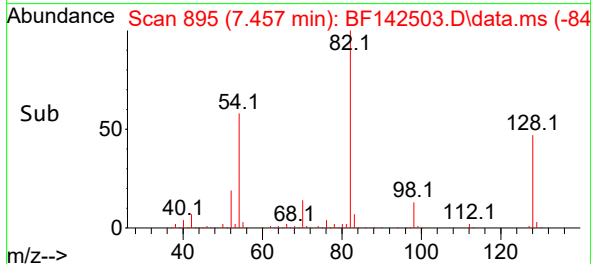
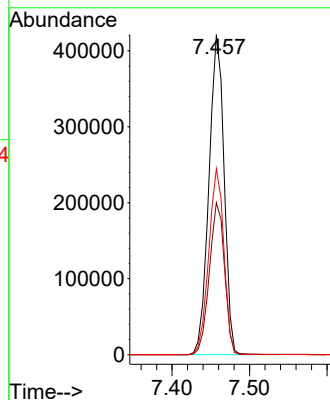
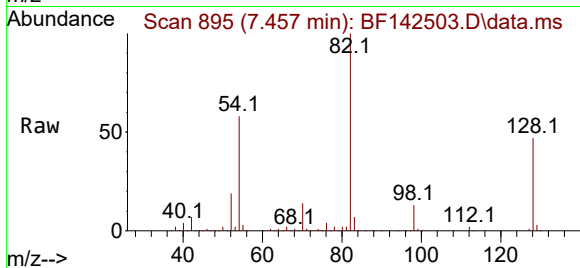
Tgt Ion: 82 Resp: 572189

Ion Ratio Lower Upper

82 100

128 47.5 37.4 56.2

54 58.1 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142503.D

Acq: 22 May 2025 11:41

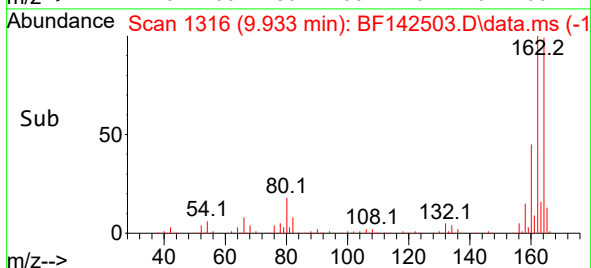
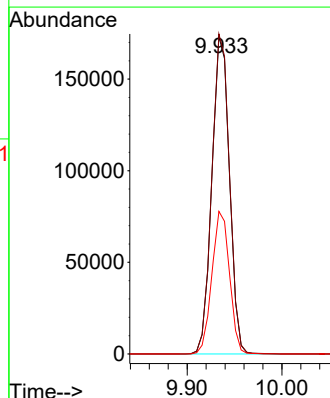
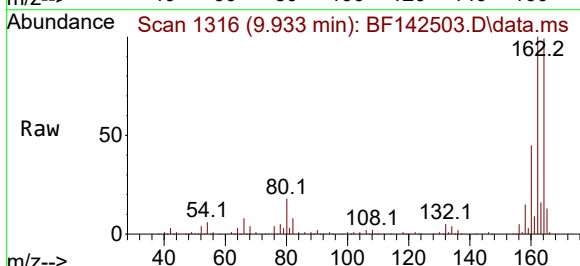
Tgt Ion:164 Resp: 222587

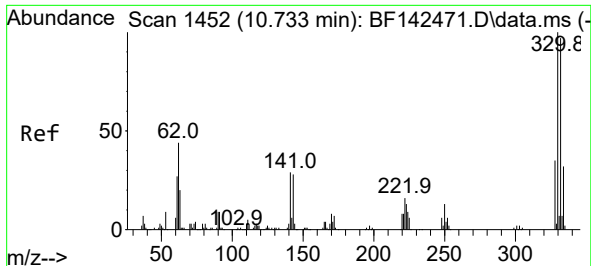
Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.4

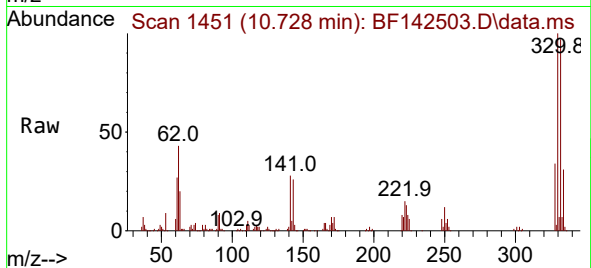
160 44.9 35.6 53.4



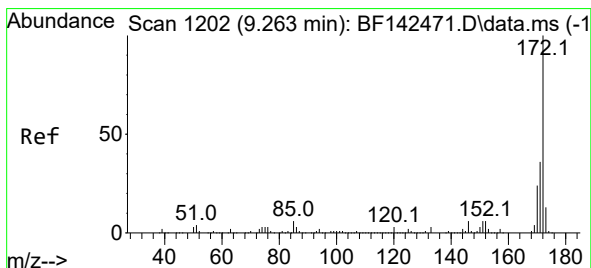
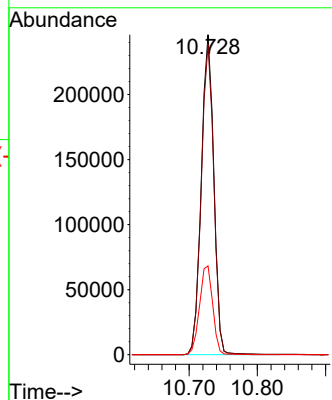
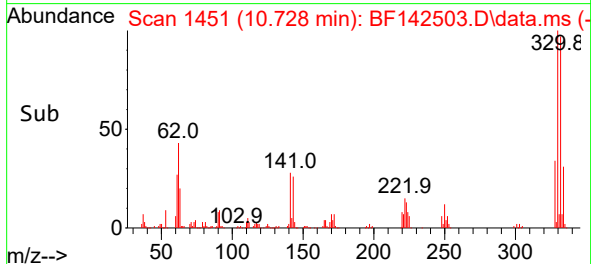


#42
2,4,6-Tribromophenol
Concen: 127.133 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

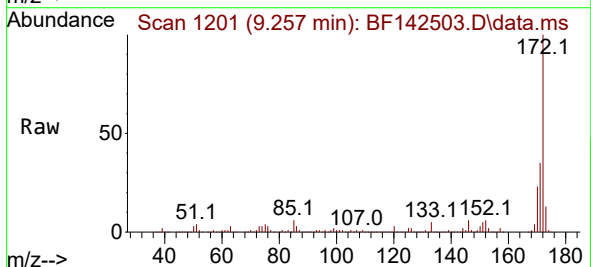
Instrument :
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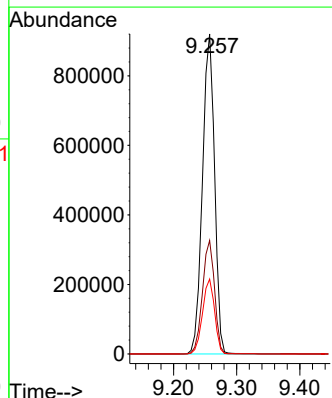
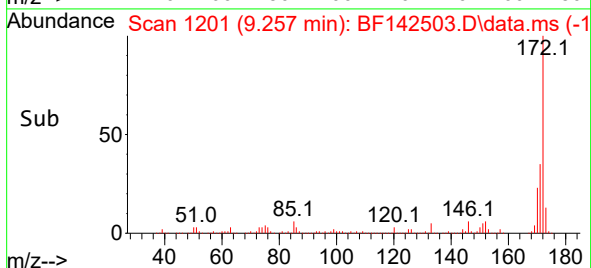
Tgt Ion: 330 Resp: 314073
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 29.2 24.6 36.8

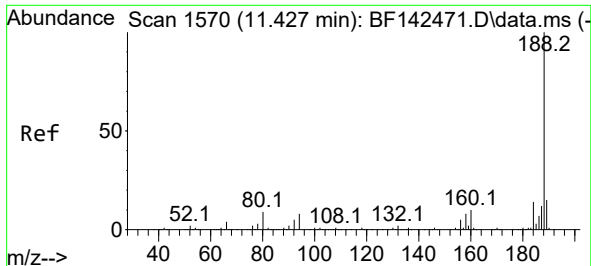


#45
2-Fluorobiphenyl
Concen: 74.022 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41



Tgt Ion: 172 Resp: 1227868
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.4 18.9 28.3

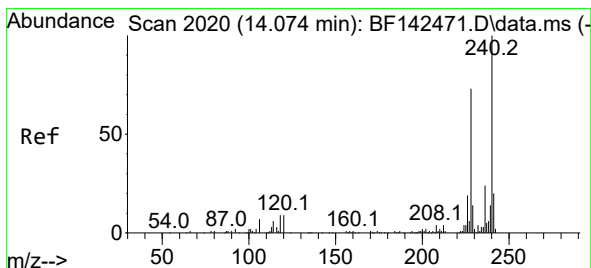
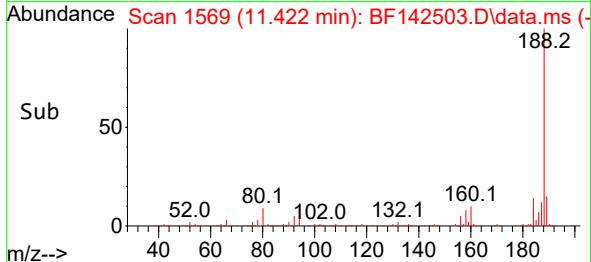
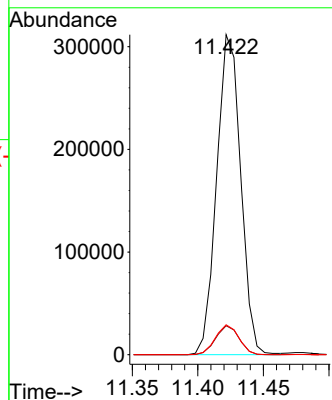
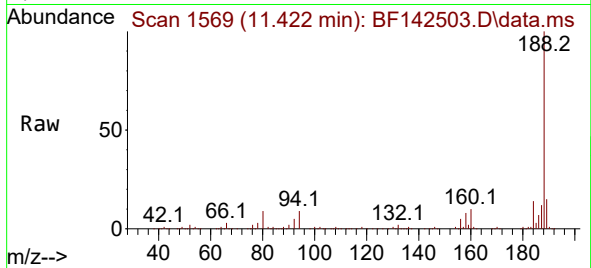




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

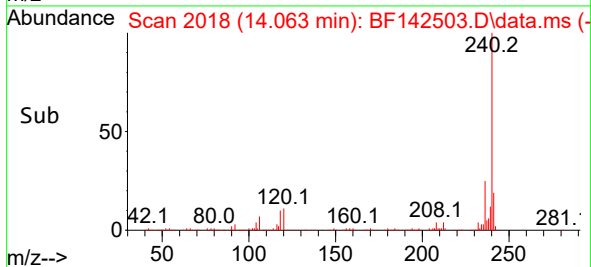
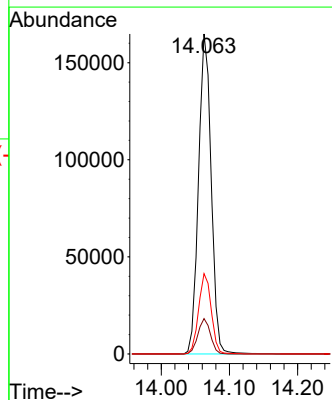
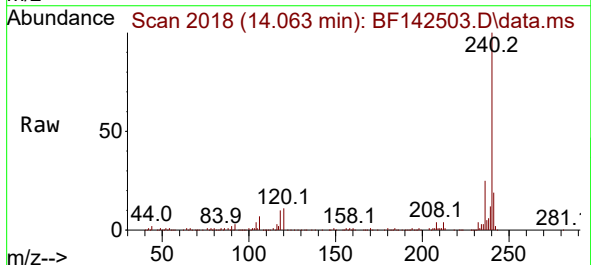
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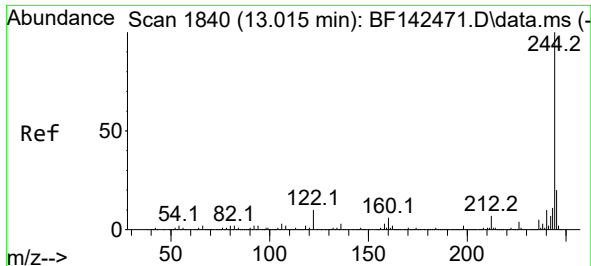
Tgt Ion:188 Resp: 396430
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.4 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

Tgt Ion:240 Resp: 212275
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 25.1 19.6 29.4

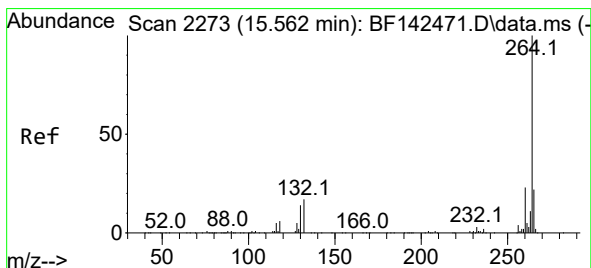
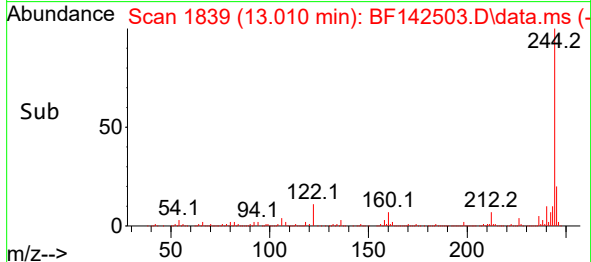
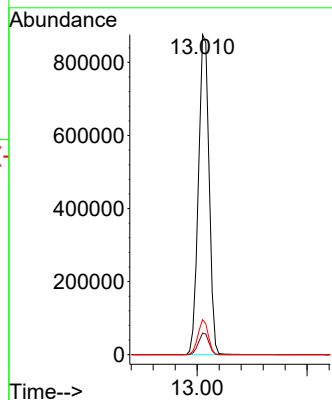
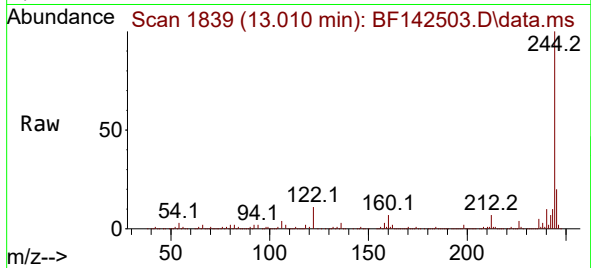




#79
 Terphenyl-d14
 Concen: 76.170 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142503.D
 Acq: 22 May 2025 11:41

Instrument :
 BNA_F
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 PB168104BL

Tgt Ion:244 Resp: 1183197
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.3 7.9
 122 11.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142503.D
 Acq: 22 May 2025 11:41

Tgt Ion:264 Resp: 198128
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 20.9 17.7 26.5

