

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
 Data File : BF142523.D
 Acq On : 22 May 2025 21:22
 Operator : RC/JU
 Sample : Q2101-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-MHE

Quant Time: May 23 01:24:31 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)

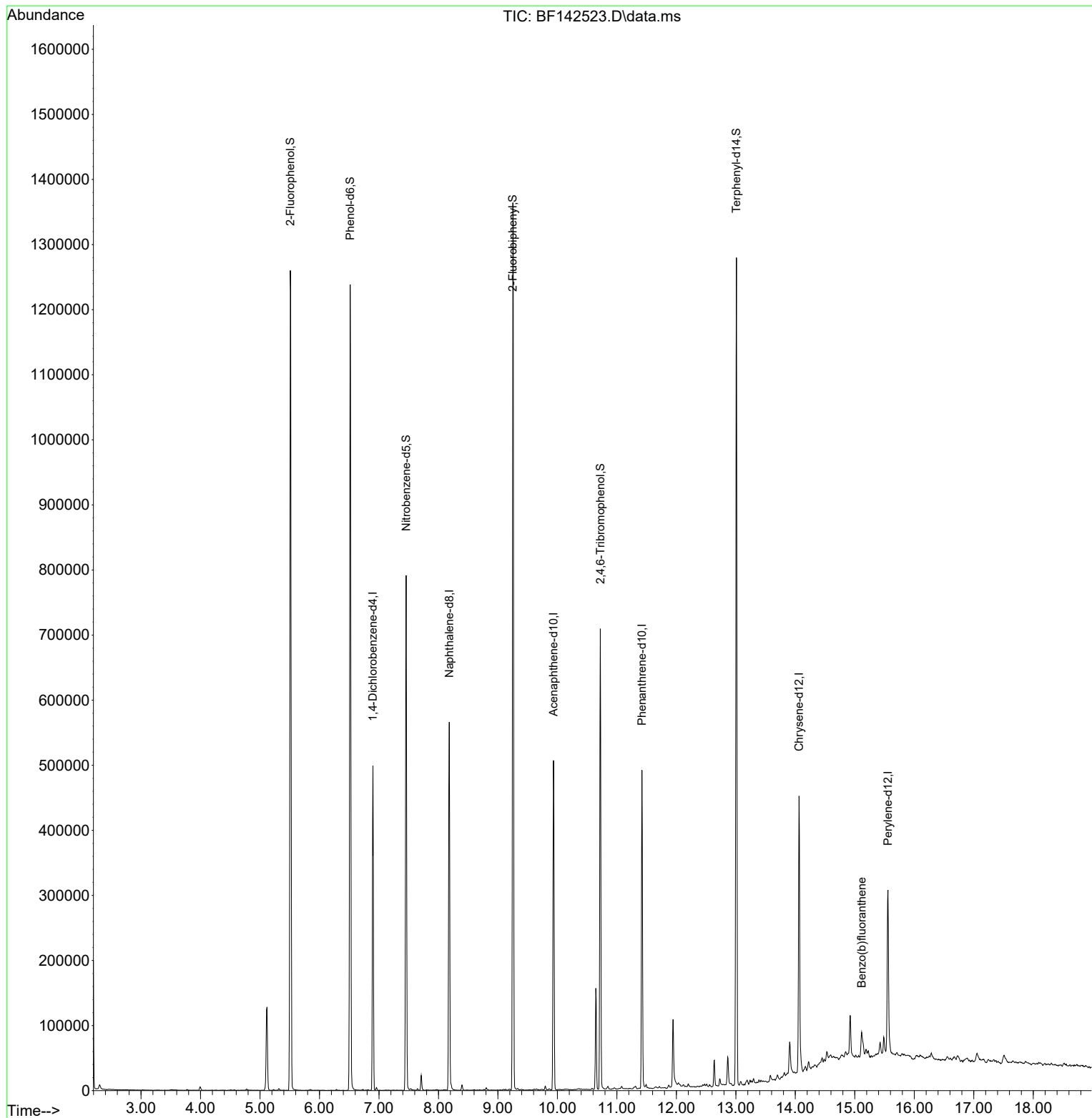
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	106646	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	355186	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	151715	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	248756	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	192476	20.000	ng	-0.01
86) Perylene-d12	15.556	264	151080	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	494275	78.084	ng	0.00
7) Phenol-d6	6.516	99	573311	75.239	ng	-0.02
23) Nitrobenzene-d5	7.457	82	326290	50.093	ng	-0.02
42) 2,4,6-Tribromophenol	10.721	330	119375	70.894	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	629335	55.662	ng	-0.02
79) Terphenyl-d14	13.010	244	608702	43.217	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	15.115	252	25561m	2.859	ng	Qvalue

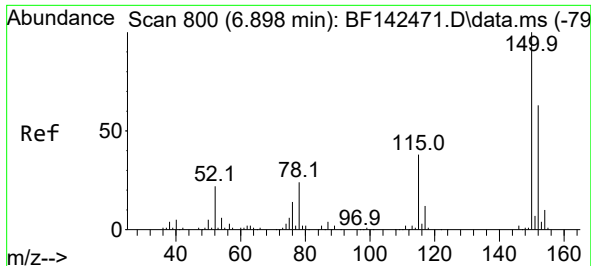
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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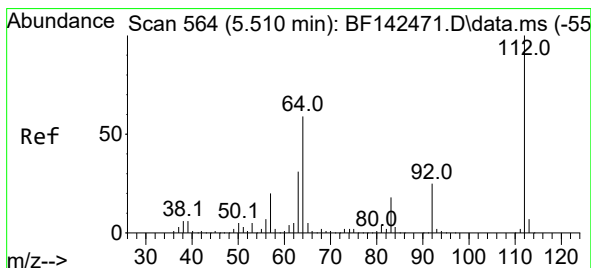
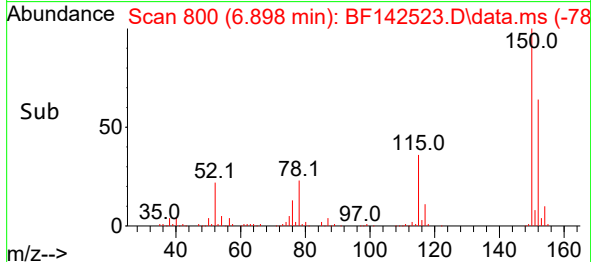
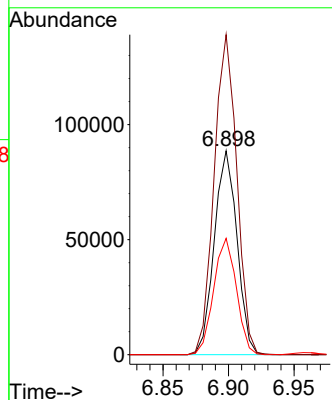
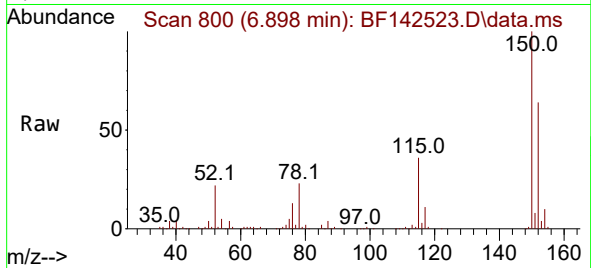




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142523.D
 Acq: 22 May 2025 21:22

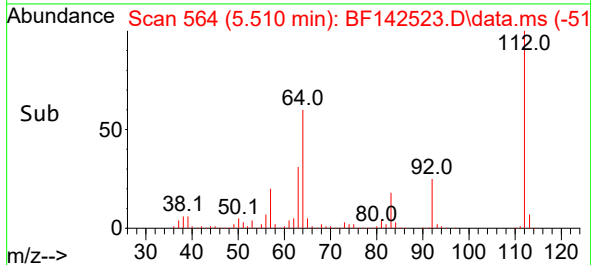
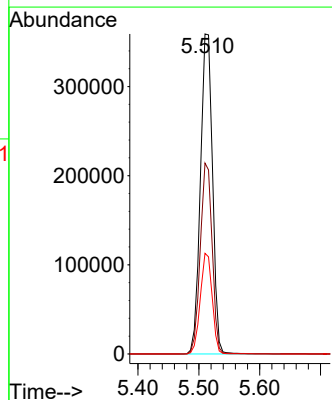
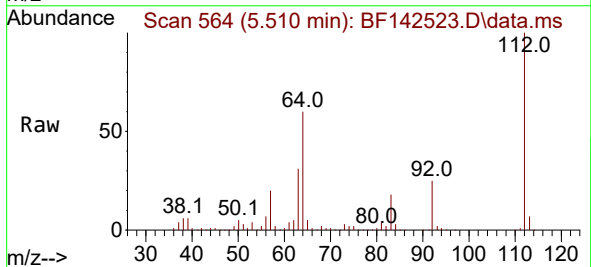
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-MHE

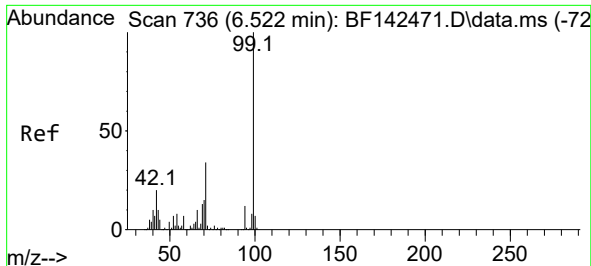
Tgt Ion:152 Resp: 106646
 Ion Ratio Lower Upper
 152 100
 150 157.0 128.2 192.4
 115 57.0 48.3 72.5



#5
 2-Fluorophenol
 Concen: 78.084 ng
 RT: 5.510 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: BF142523.D
 Acq: 22 May 2025 21:22

Tgt Ion:112 Resp: 494275
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.5 71.3
 63 31.5 24.9 37.3

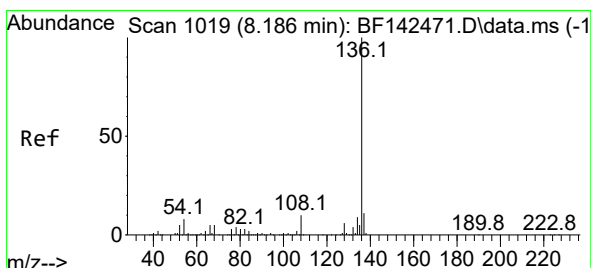
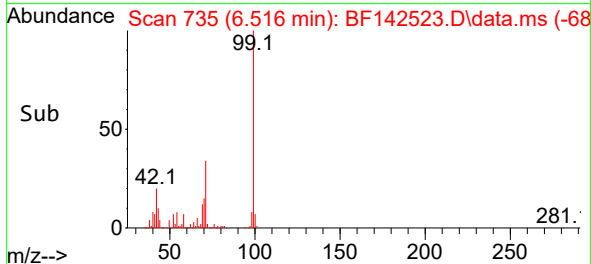
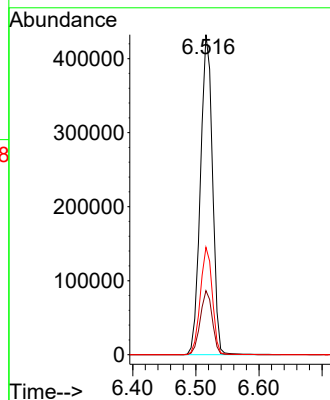
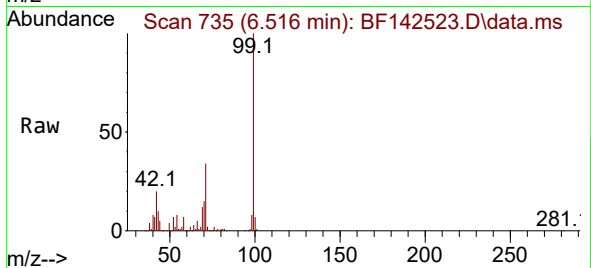




#7
Phenol-d6
Concen: 75.239 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142523.D
Acq: 22 May 2025 21:22

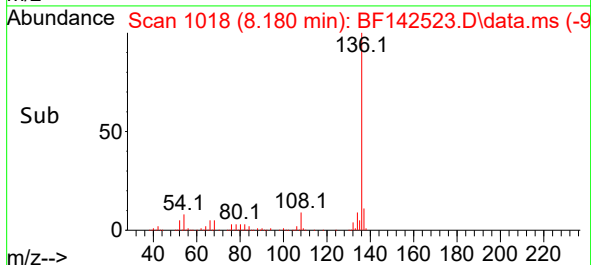
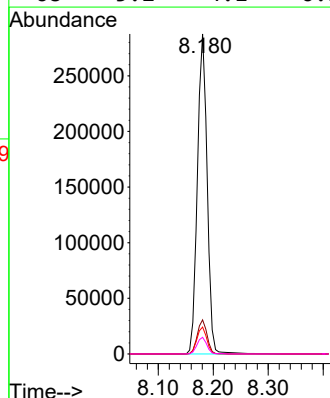
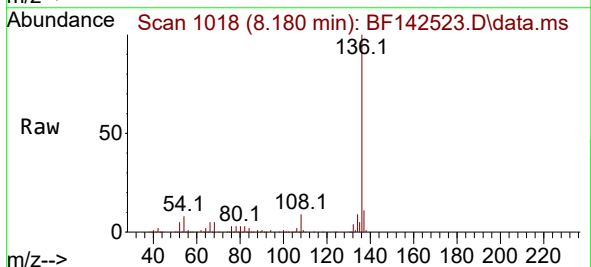
Instrument :
BNA_F
ClientSampleId :
TP-1-MHE

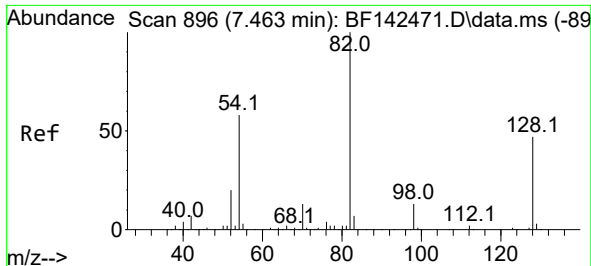
Tgt Ion: 99 Resp: 573311
Ion Ratio Lower Upper
99 100
42 20.0 16.2 24.2
71 33.6 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142523.D
Acq: 22 May 2025 21:22

Tgt Ion: 136 Resp: 355186
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.4 6.6 10.0
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 50.093 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142523.D

Acq: 22 May 2025 21:22

Instrument :

BNA_F

ClientSampleId :

TP-1-MHE

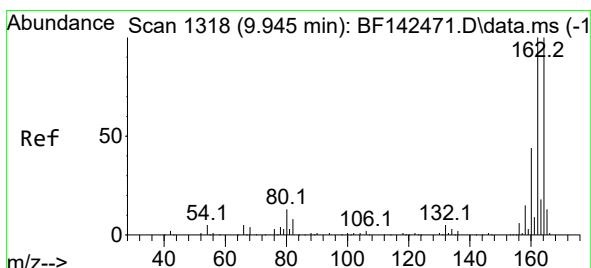
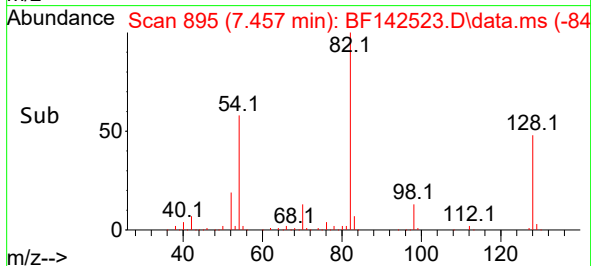
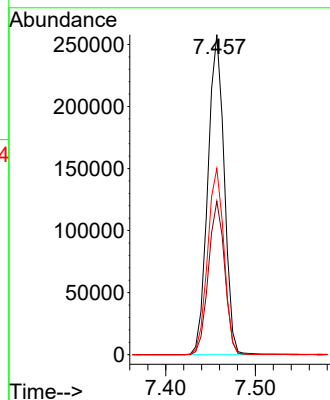
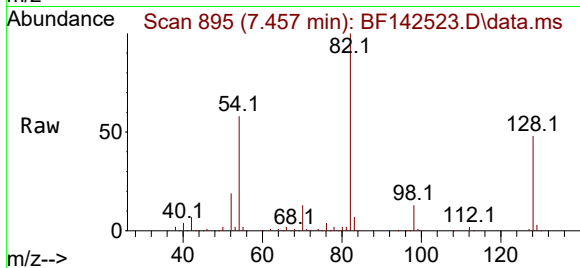
Tgt Ion: 82 Resp: 326290

Ion Ratio Lower Upper

82 100

128 48.0 37.4 56.2

54 58.2 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: BF142523.D

Acq: 22 May 2025 21:22

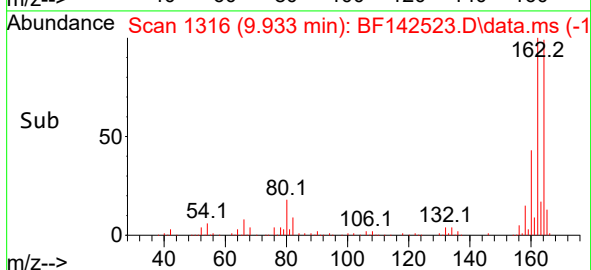
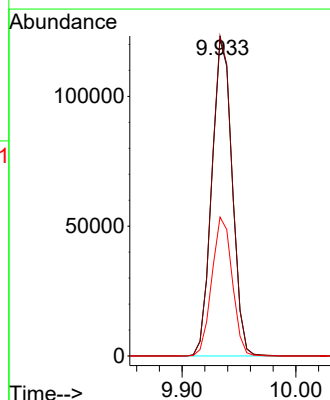
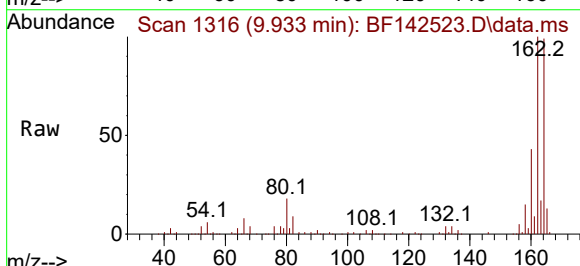
Tgt Ion:164 Resp: 151715

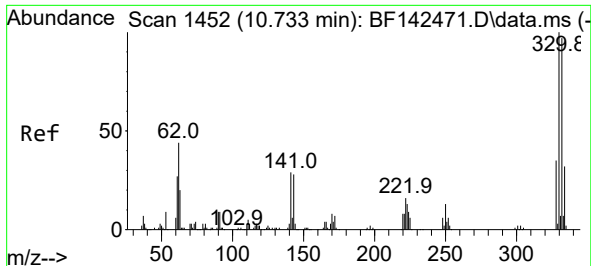
Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.4

160 43.8 35.6 53.4

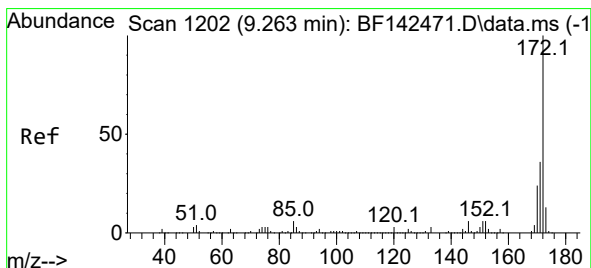
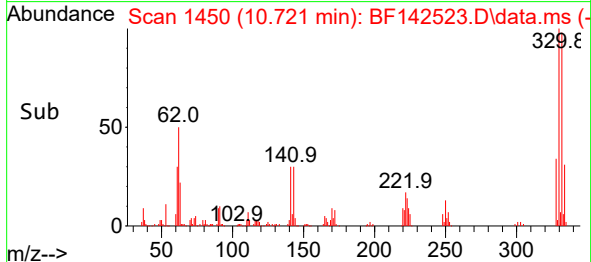
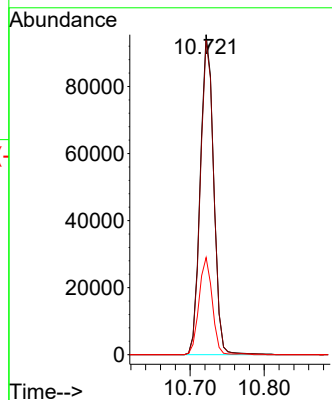
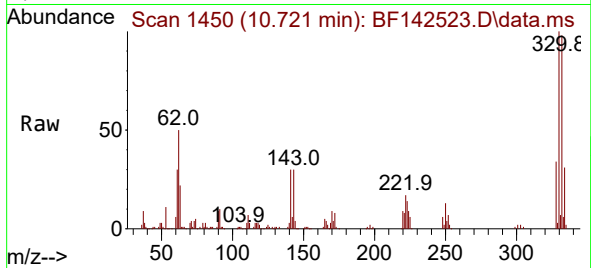




#42
2,4,6-Tribromophenol
Concen: 70.894 ng
RT: 10.721 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF142523.D
Acq: 22 May 2025 21:22

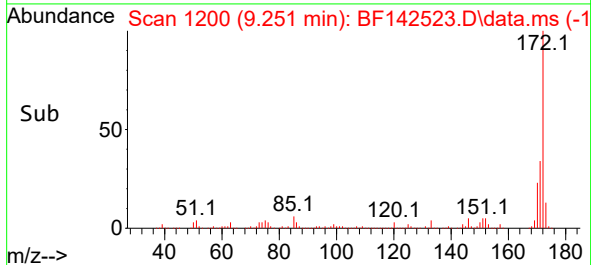
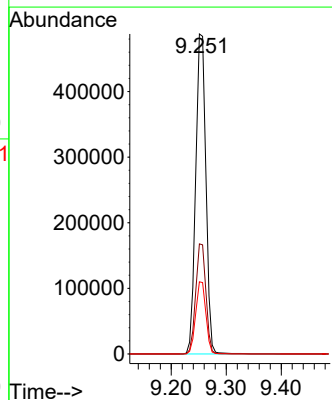
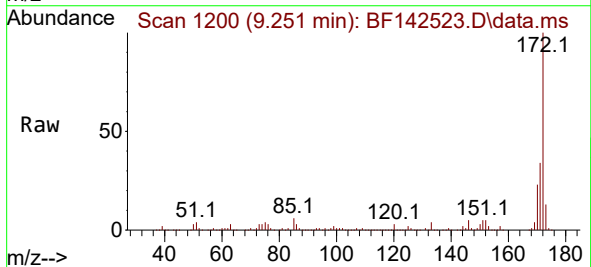
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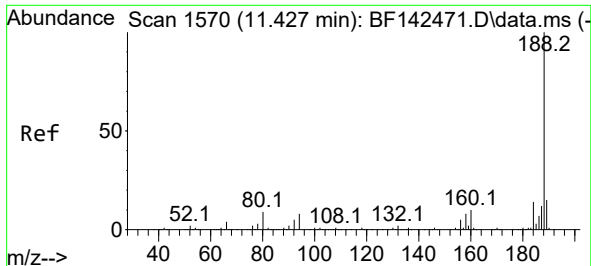
Tgt Ion: 330 Resp: 119375
Ion Ratio Lower Upper
330 100
332 98.1 77.6 116.4
141 29.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 55.662 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF142523.D
Acq: 22 May 2025 21:22

Tgt Ion: 172 Resp: 629335
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 22.6 18.9 28.3

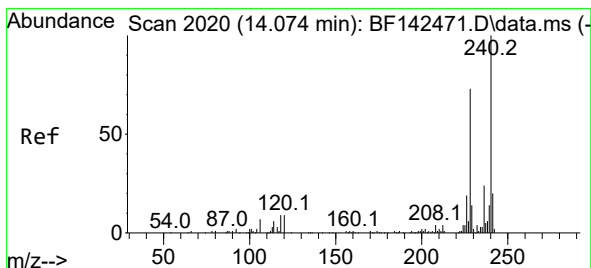
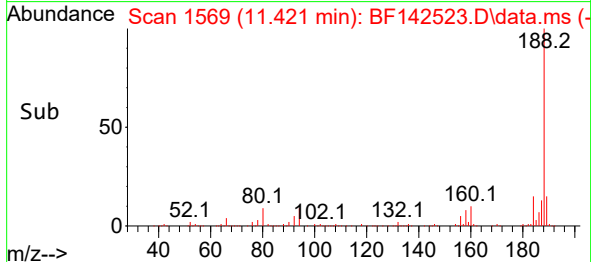
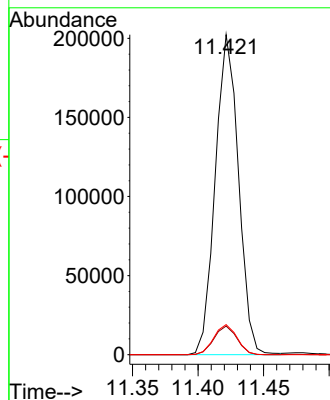
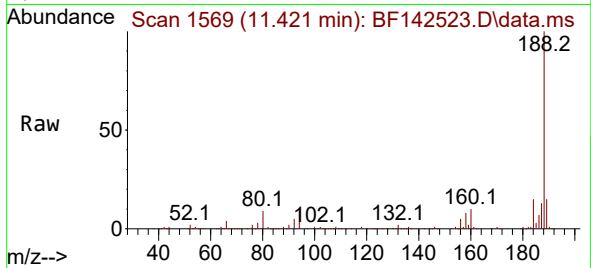




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142523.D
Acq: 22 May 2025 21:22

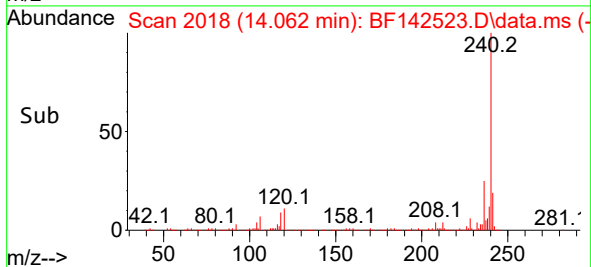
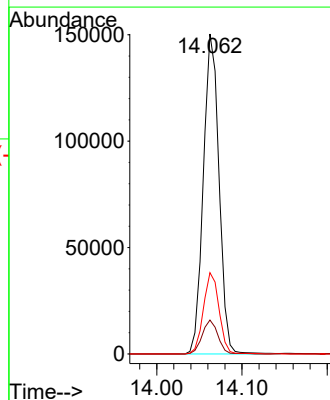
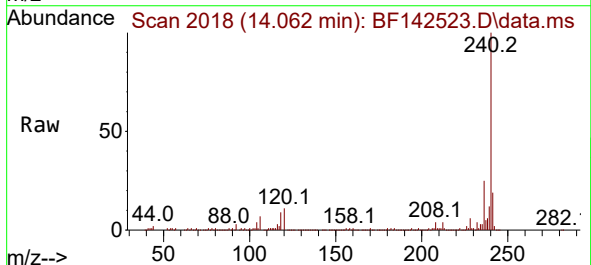
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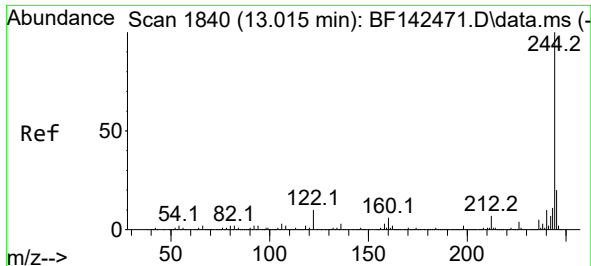
Tgt Ion:188 Resp: 248756
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.4 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142523.D
Acq: 22 May 2025 21:22

Tgt Ion:240 Resp: 192476
Ion Ratio Lower Upper
240 100
120 10.6 7.5 11.3
236 25.4 19.6 29.4

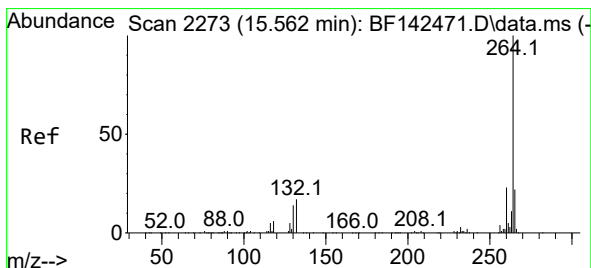
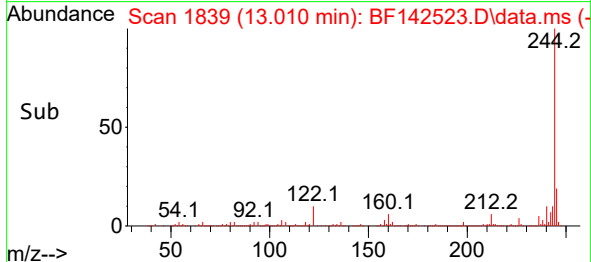
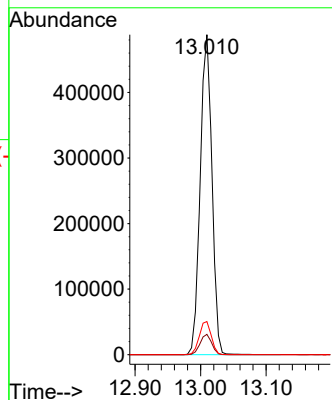
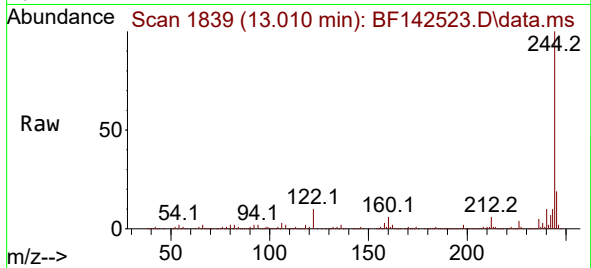




#79
 Terphenyl-d14
 Concen: 43.217 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142523.D
 Acq: 22 May 2025 21:22

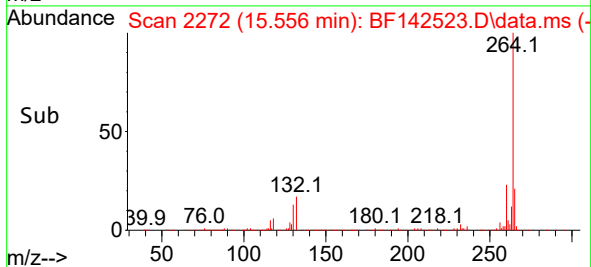
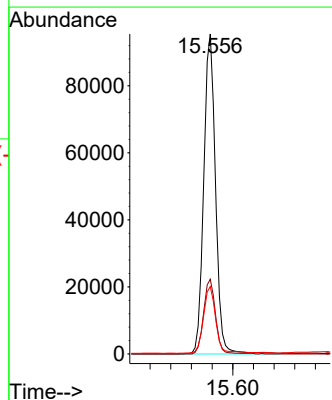
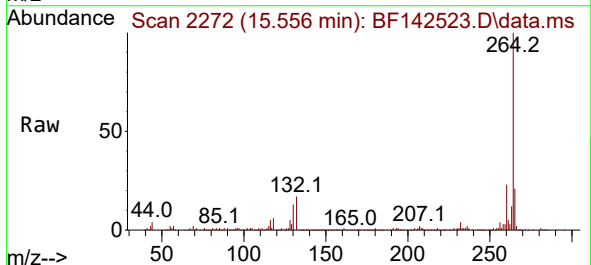
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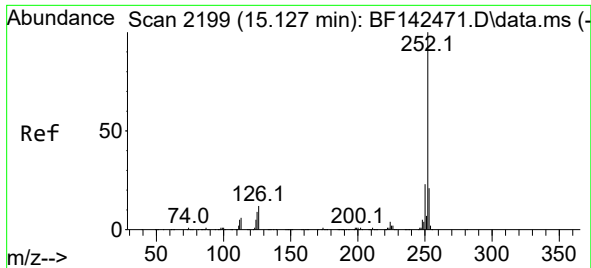
Tgt Ion:244 Resp: 608702
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 10.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142523.D
 Acq: 22 May 2025 21:22

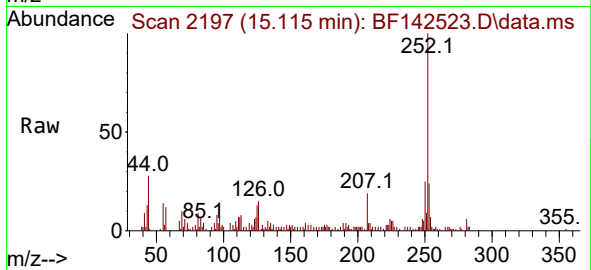
Tgt Ion:264 Resp: 151080
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.1 17.7 26.5





#88
 Benzo(b)fluoranthene
 Concen: 2.859 ng m
 RT: 15.115 min Scan# 2197
 Delta R.T. -0.012 min
 Lab File: BF142523.D
 Acq: 22 May 2025 21:22

Instrument :
 BNA_F
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Tgt Ion:252 Resp: 25561
 Ion Ratio Lower Upper
 252 100
 253 24.5 17.0 25.4
 125 13.4 7.4 11.0#

