

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142581.D
 Acq On : 30 May 2025 20:43
 Operator : RC/JU
 Sample : Q2150-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-48

Quant Time: May 30 22:29:32 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	128466	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	478682	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	251559	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	419835	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	239865	20.000	ng	0.00
86) Perylene-d12	15.562	264	260798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	973305	127.643	ng	0.00
7) Phenol-d6	6.522	99	1194091	130.091	ng	-0.01
23) Nitrobenzene-d5	7.457	82	728299	82.964	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	357324	127.982	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1386957	73.983	ng	-0.01
79) Terphenyl-d14	13.010	244	1184744	67.497	ng	0.00

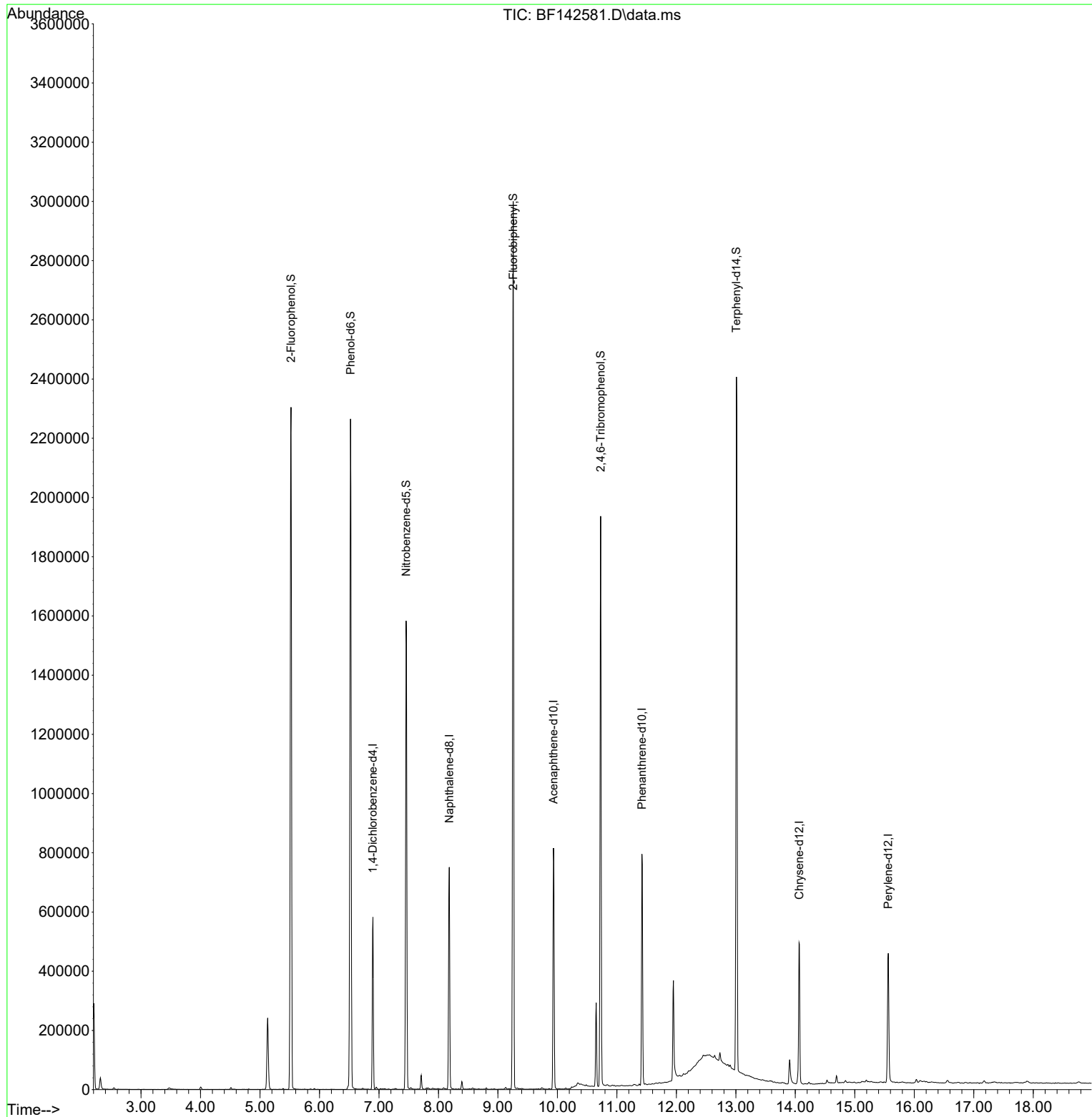
Target Compounds	Qvalue

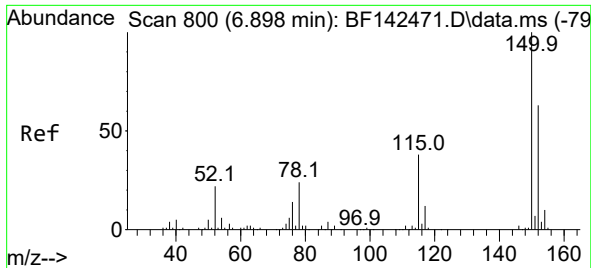
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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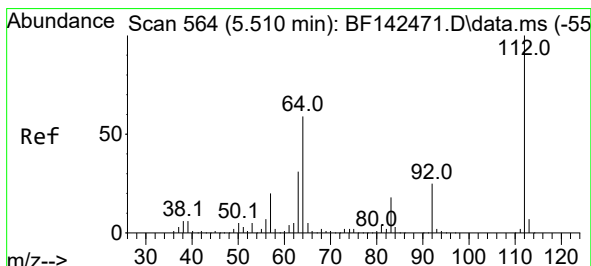
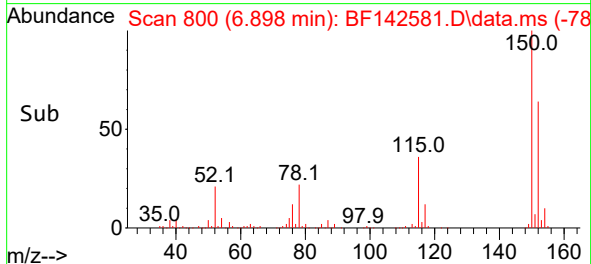
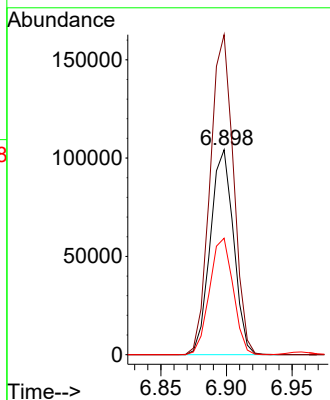
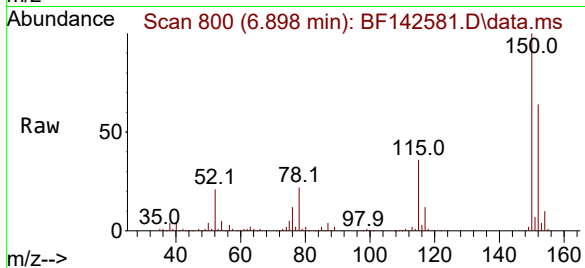




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142581.D
 Acq: 30 May 2025 20:43

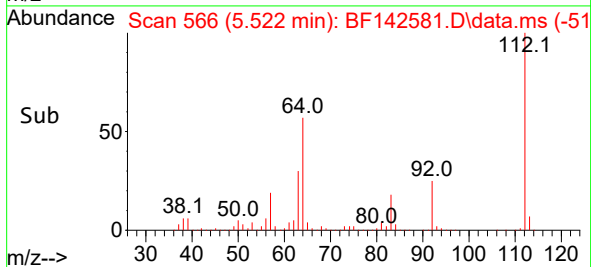
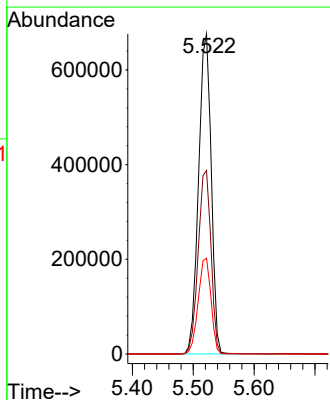
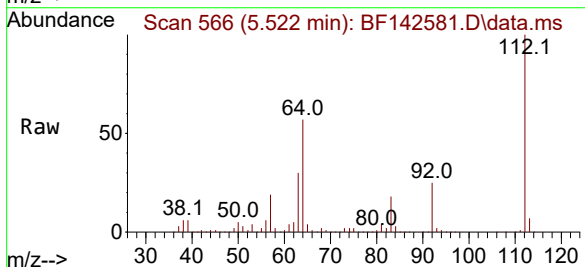
Instrument :
 BNA_F
 ClientSampleId :
 TP-48

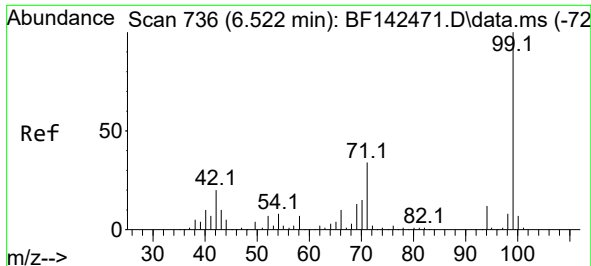
Tgt Ion:152 Resp: 128466
 Ion Ratio Lower Upper
 152 100
 150 156.1 128.2 192.4
 115 56.8 48.3 72.5



#5
 2-Fluorophenol
 Concen: 127.643 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: BF142581.D
 Acq: 30 May 2025 20:43

Tgt Ion:112 Resp: 973305
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.5 71.3
 63 30.0 24.9 37.3

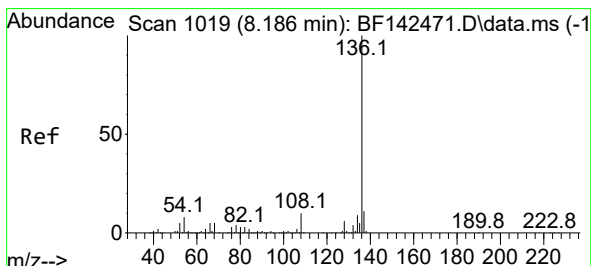
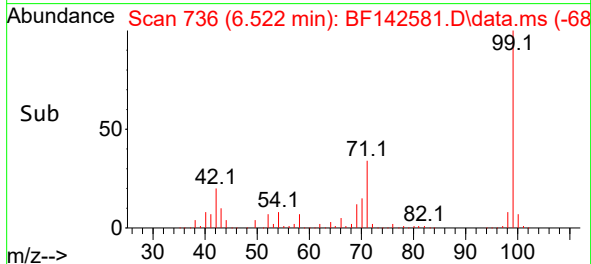
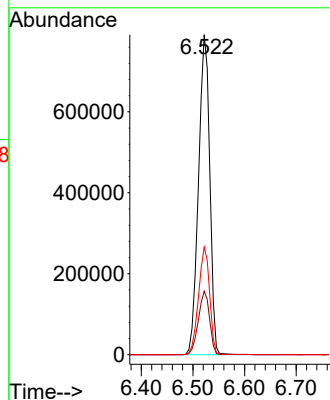
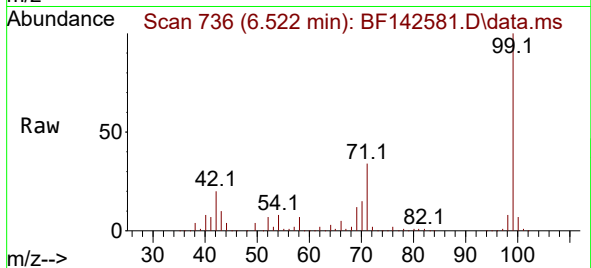




#7
Phenol-d6
Concen: 130.091 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142581.D
Acq: 30 May 2025 20:43

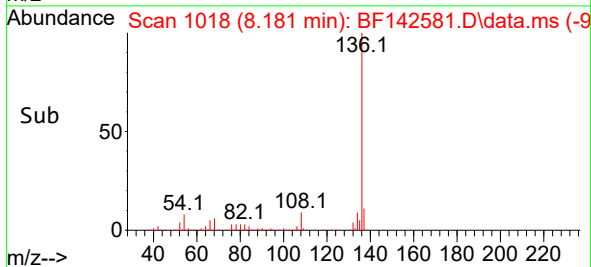
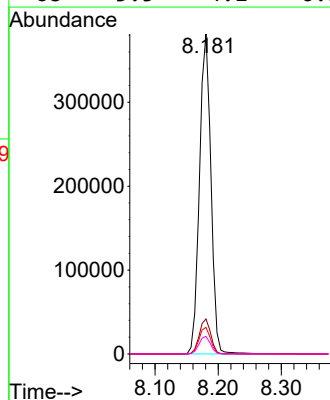
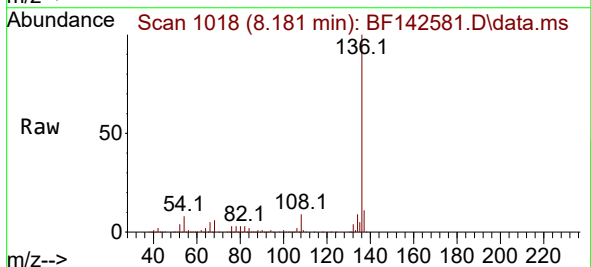
Instrument :
BNA_F
ClientSampleId :
TP-48

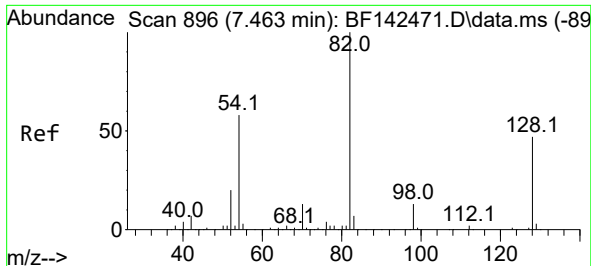
Tgt Ion: 99 Resp: 1194091
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.6 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142581.D
Acq: 30 May 2025 20:43

Tgt Ion:136 Resp: 478682
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 6.6 10.0
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 82.964 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF142581.D

Acq: 30 May 2025 20:43

Instrument :

BNA_F

ClientSampleId :

TP-48

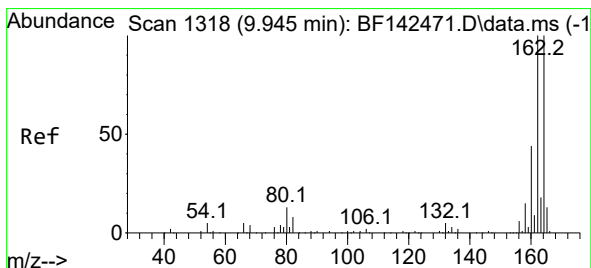
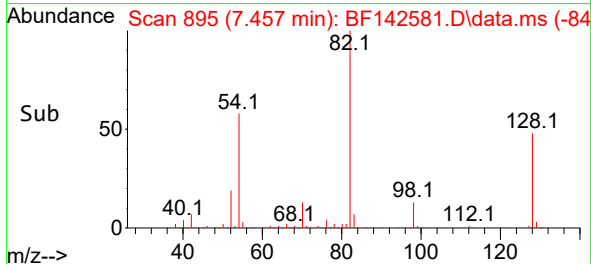
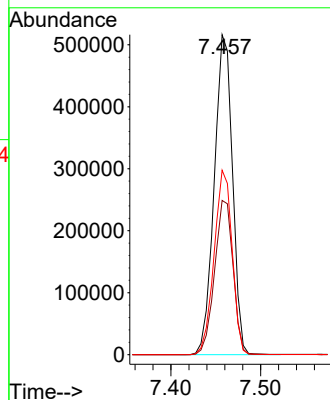
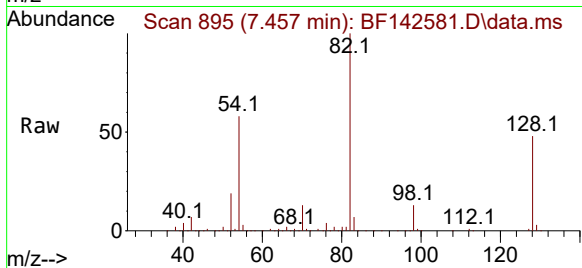
Tgt Ion: 82 Resp: 728299

Ion Ratio Lower Upper

82 100

128 48.2 37.4 56.2

54 57.6 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: BF142581.D

Acq: 30 May 2025 20:43

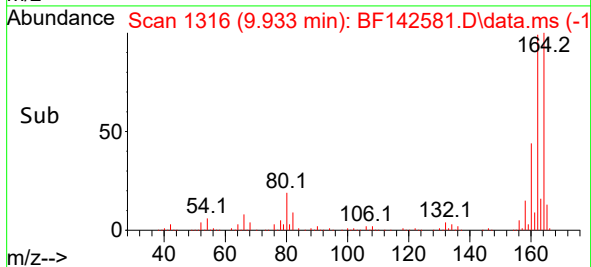
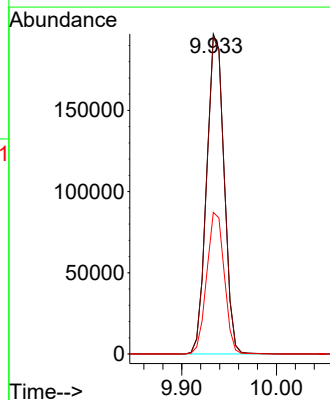
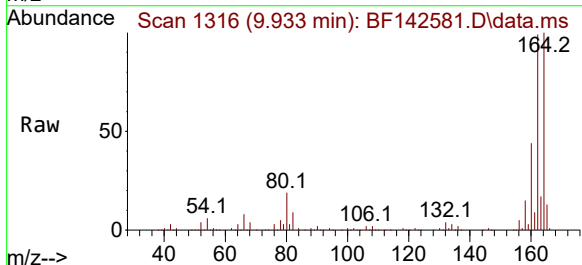
Tgt Ion:164 Resp: 251559

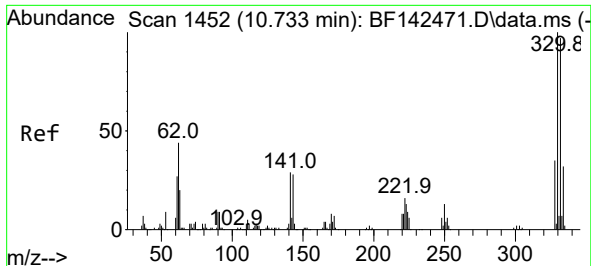
Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.4

160 44.3 35.6 53.4

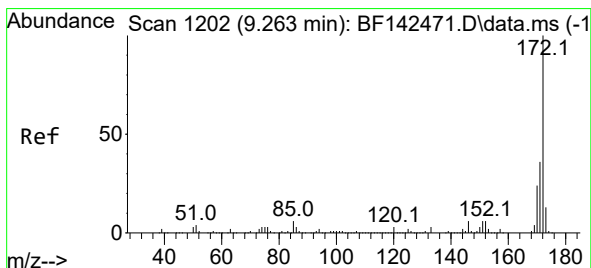
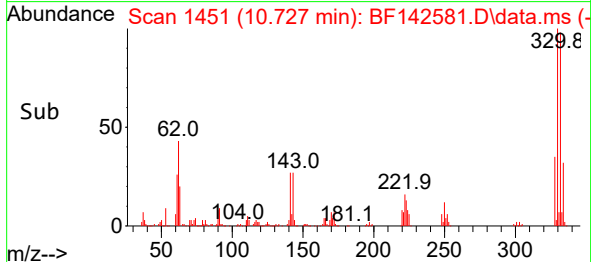
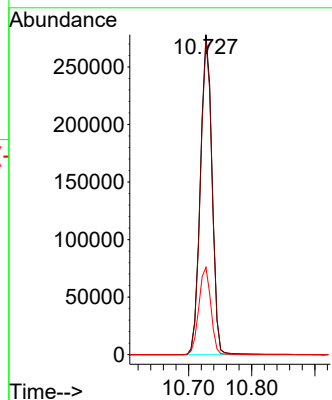
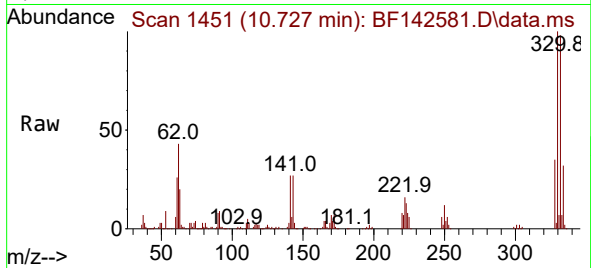




#42
2,4,6-Tribromophenol
Concen: 127.982 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142581.D
Acq: 30 May 2025 20:43

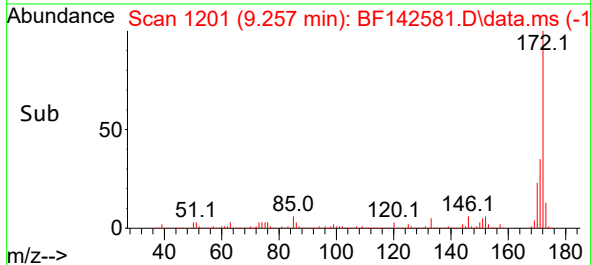
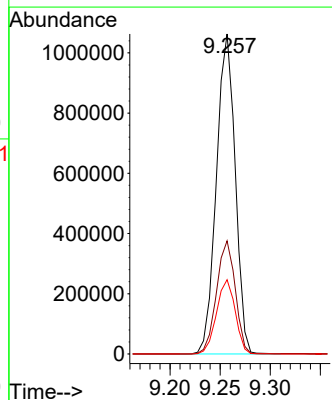
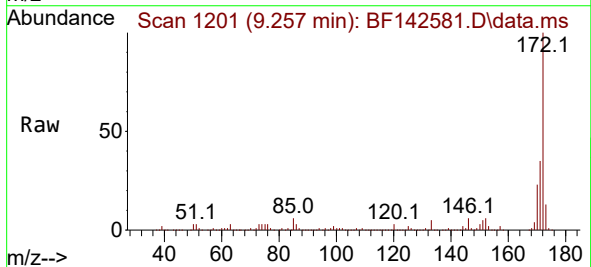
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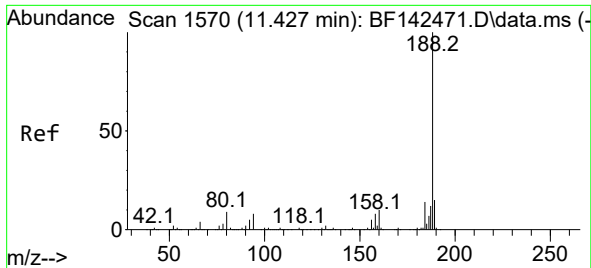
Tgt Ion:330 Resp: 357324
Ion Ratio Lower Upper
330 100
332 97.9 77.6 116.4
141 28.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 73.983 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142581.D
Acq: 30 May 2025 20:43

Tgt Ion:172 Resp: 1386957
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.2 18.9 28.3

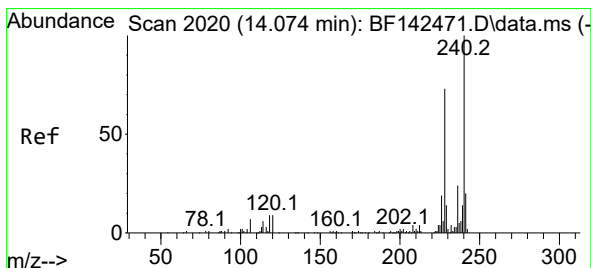
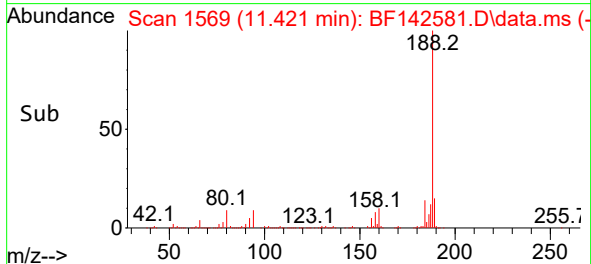
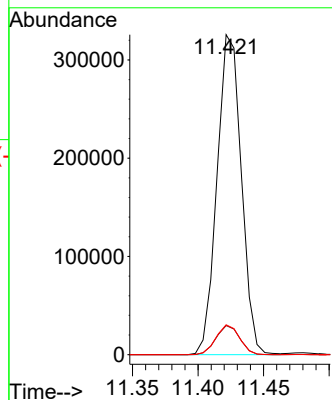
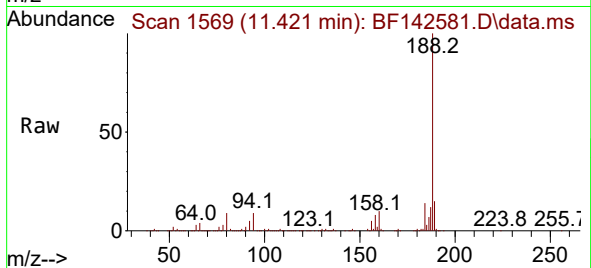




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142581.D
Acq: 30 May 2025 20:43

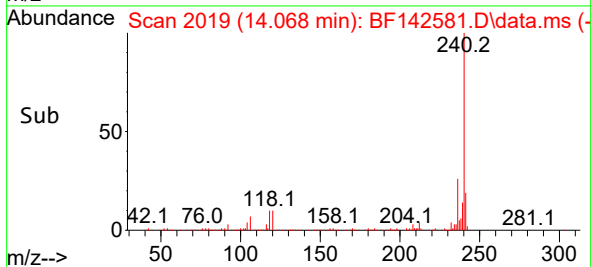
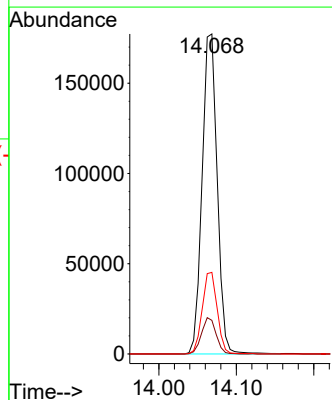
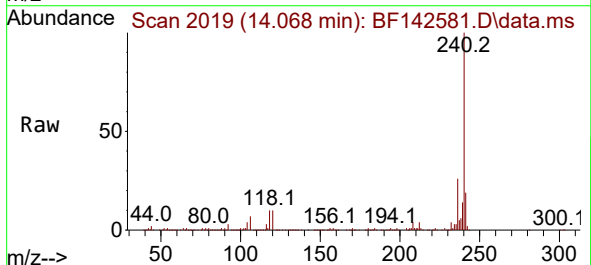
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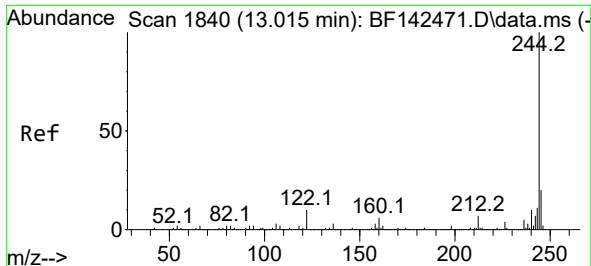
Tgt Ion:188 Resp: 419835
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.4 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142581.D
Acq: 30 May 2025 20:43

Tgt Ion:240 Resp: 239865
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 25.5 19.6 29.4

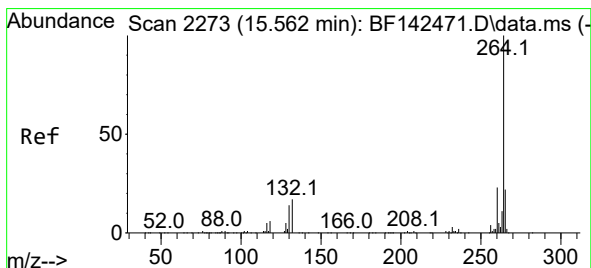
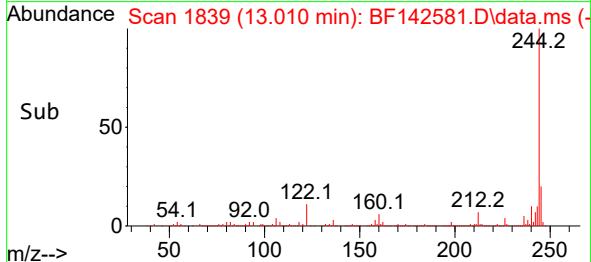
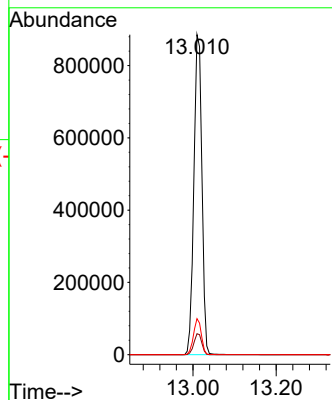
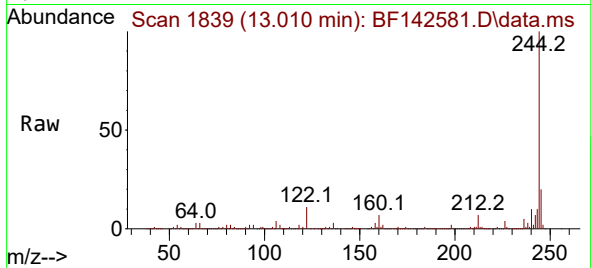




#79
 Terphenyl-d14
 Concen: 67.497 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142581.D
 Acq: 30 May 2025 20:43

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1184744
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 11.2 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142581.D
 Acq: 30 May 2025 20:43

Tgt Ion:264 Resp: 260798
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.0 17.7 26.5

