

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143841.D
 Acq On : 30 Sep 2025 19:04
 Operator : RC/JU
 Sample : Q3231-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Oct 01 02:33:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	130314	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	503073	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	281852	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	500421	20.000	ng	0.00
76) Chrysene-d12	14.051	240	536114	20.000	ng	-0.01
86) Perylene-d12	15.533	264	546872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1186676	147.950	ng	0.01
7) Phenol-d6	6.504	99	1391811	150.182	ng	0.00
23) Nitrobenzene-d5	7.445	82	905025	110.119	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	715876	171.538	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1853757	102.635	ng	0.00
79) Terphenyl-d14	13.004	244	3151717	119.560	ng	0.00

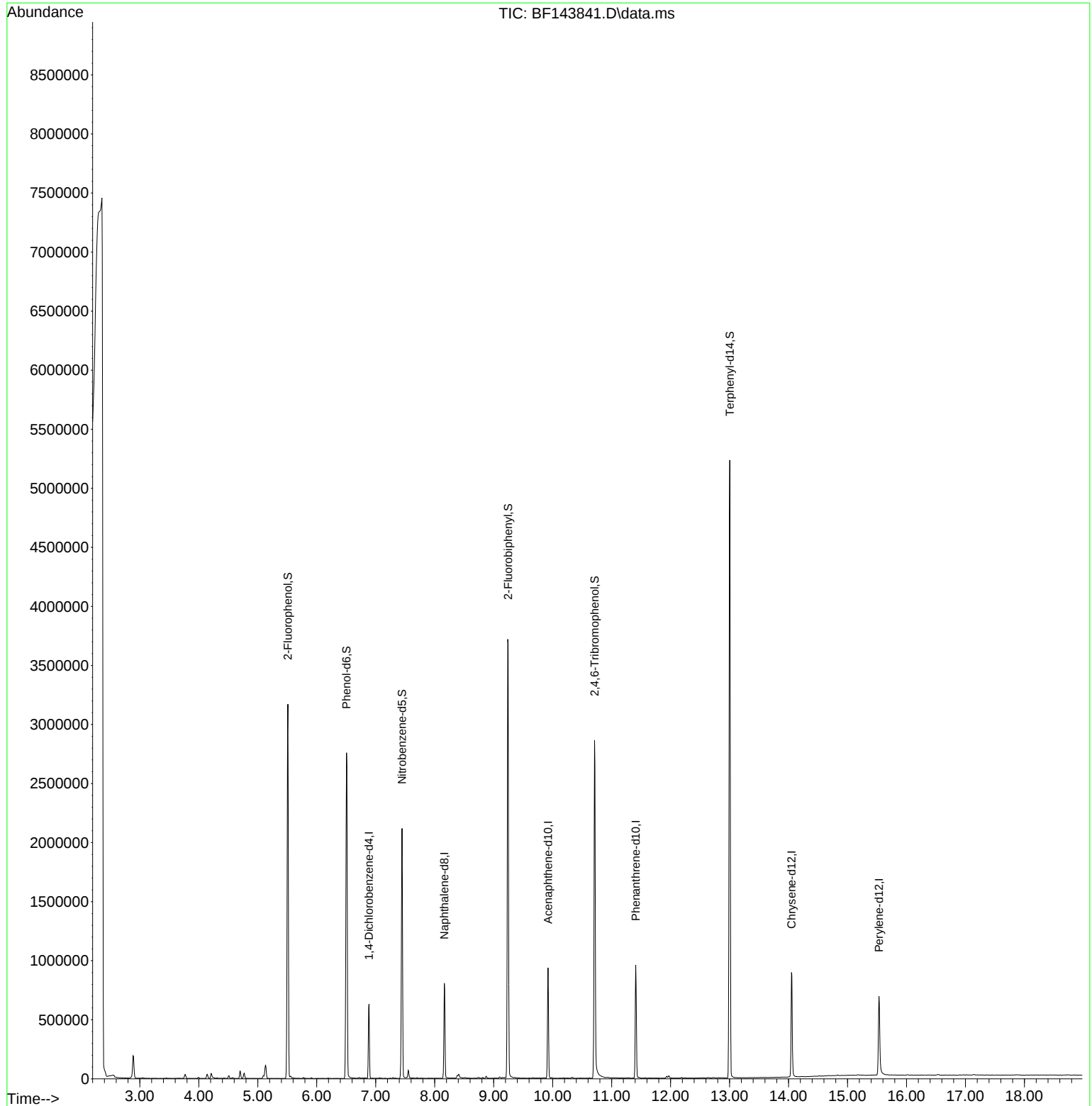
Target Compounds Qvalue

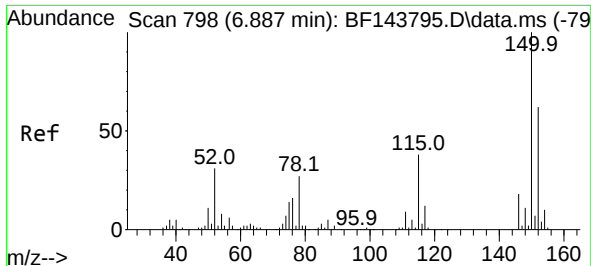
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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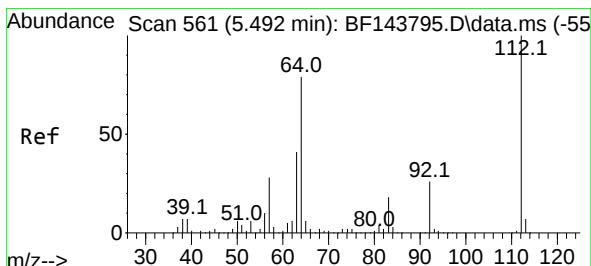
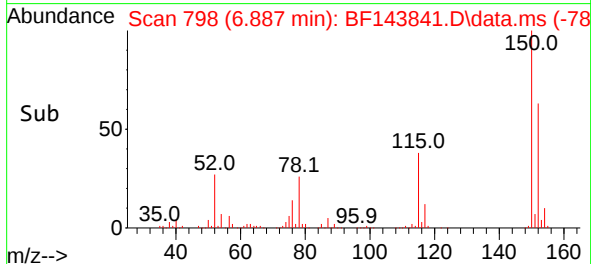
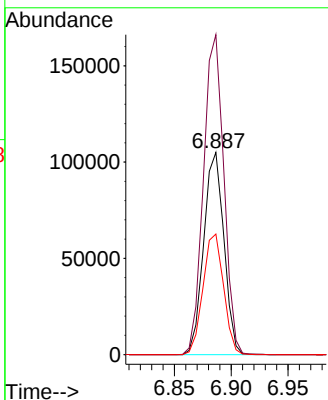
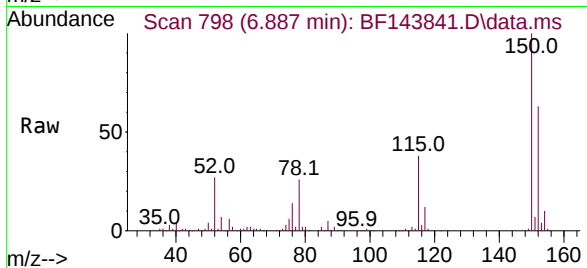




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

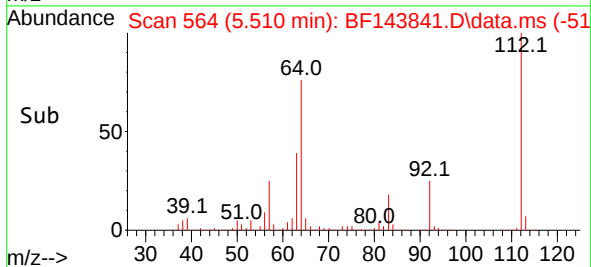
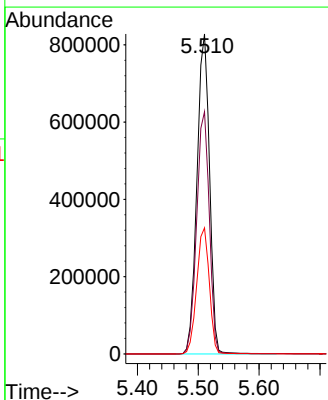
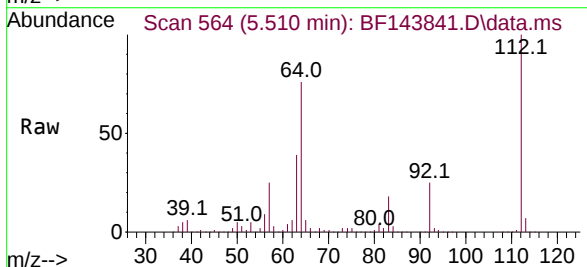
Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 130314
Ion Ratio Lower Upper
152 100
150 158.3 129.6 194.4
115 59.7 49.0 73.4



#5
2-Fluorophenol
Concen: 147.950 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

Tgt Ion:112 Resp: 1186676
Ion Ratio Lower Upper
112 100
64 75.7 63.0 94.4
63 39.4 32.6 49.0





#7
Phenol-d6
Concen: 150.182 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

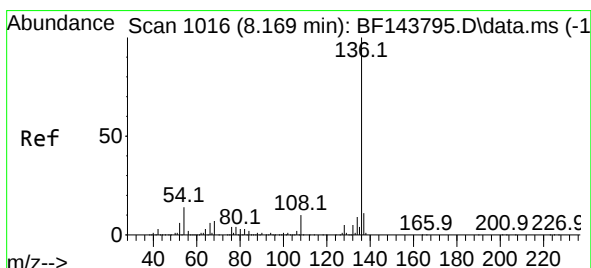
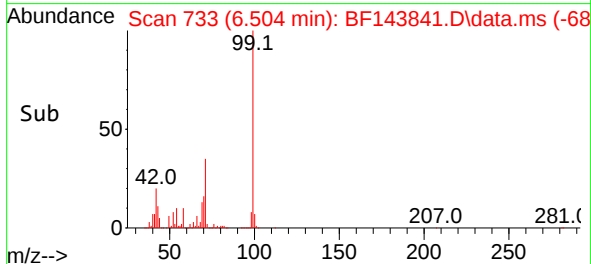
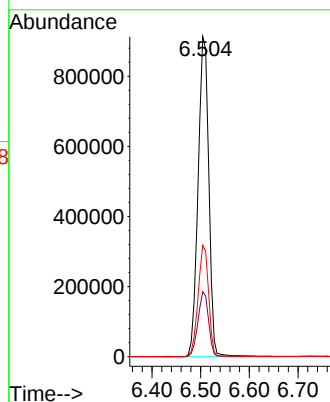
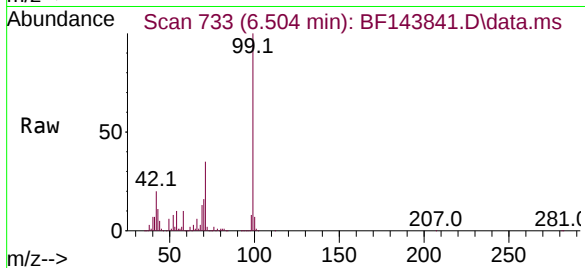
Instrument :

BNA_F

ClientSampleId :

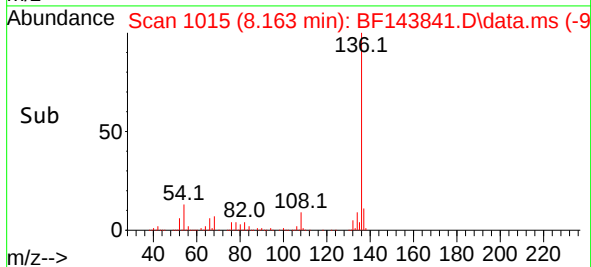
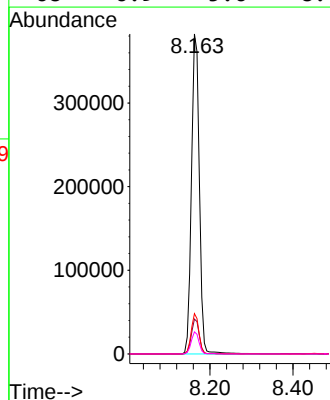
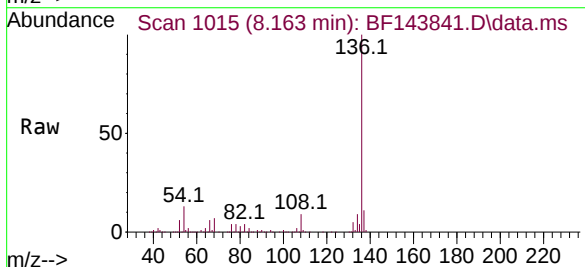
WC-1

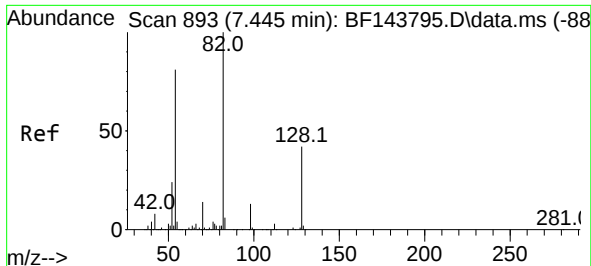
Tgt Ion: 99 Resp: 1391811
Ion Ratio Lower Upper
99 100
42 20.3 18.6 28.0
71 34.8 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143841.D
Acq: 30 Sep 2025 19:04

Tgt Ion:136 Resp: 503073
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 12.6 11.2 16.8
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 110.119 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143841.D

Acq: 30 Sep 2025 19:04

Instrument :

BNA_F

ClientSampleId :

WC-1

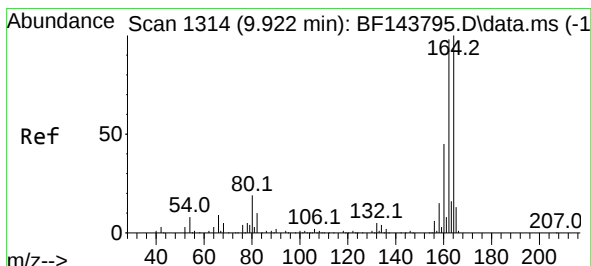
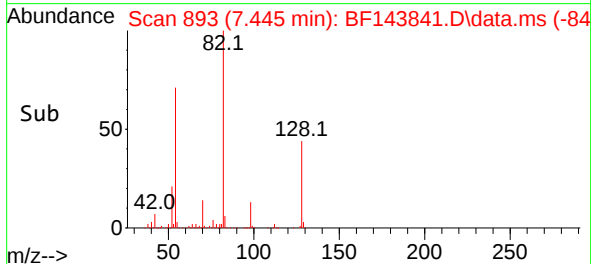
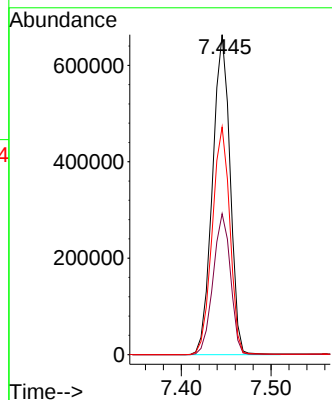
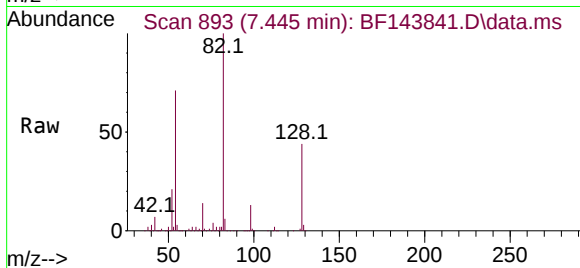
Tgt Ion: 82 Resp: 905025

Ion Ratio Lower Upper

82 100

128 44.0 33.3 49.9

54 71.1 64.2 96.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143841.D

Acq: 30 Sep 2025 19:04

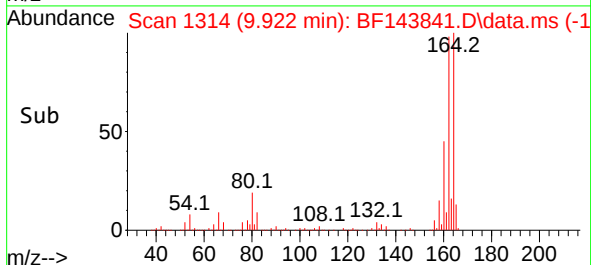
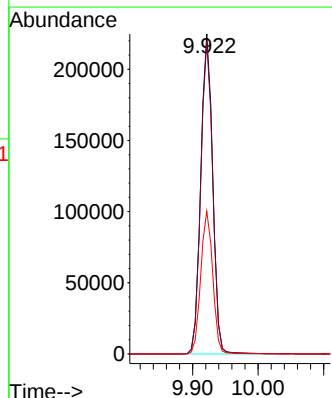
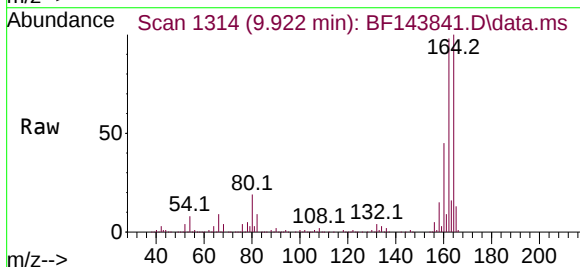
Tgt Ion: 164 Resp: 281852

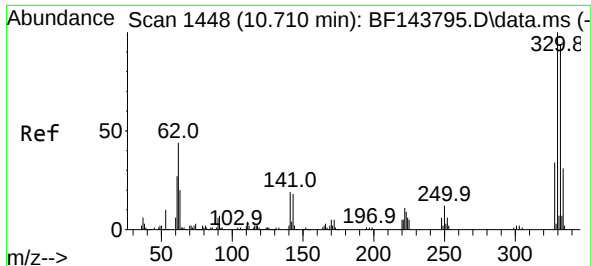
Ion Ratio Lower Upper

164 100

162 97.6 78.8 118.2

160 44.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 171.538 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143841.D

Acq: 30 Sep 2025 19:04

Instrument :

BNA_F

ClientSampleId :

WC-1

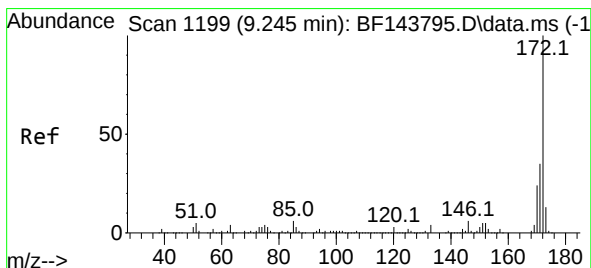
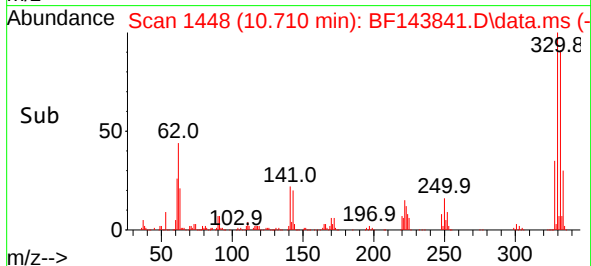
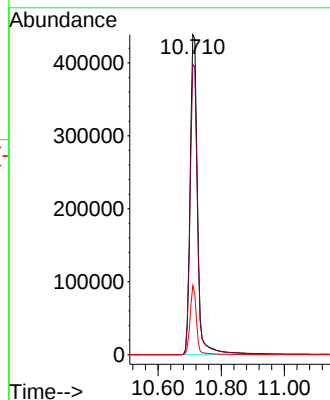
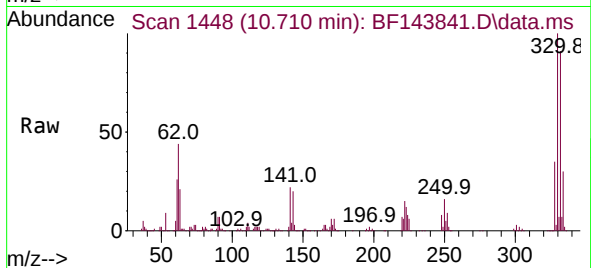
Tgt Ion:330 Resp: 715876

Ion Ratio Lower Upper

330 100

332 91.5 74.7 112.1

141 18.7 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 102.635 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143841.D

Acq: 30 Sep 2025 19:04

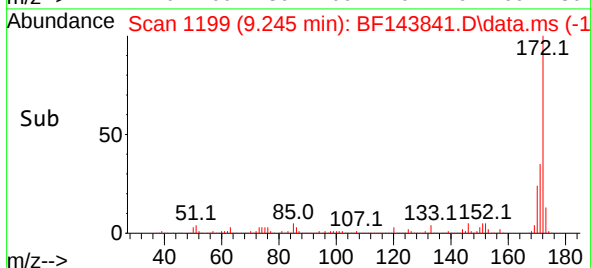
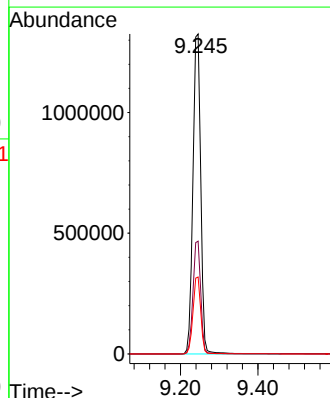
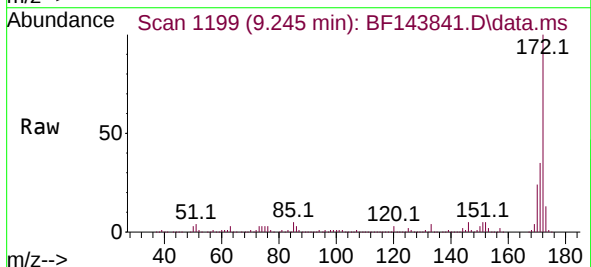
Tgt Ion:172 Resp: 1853757

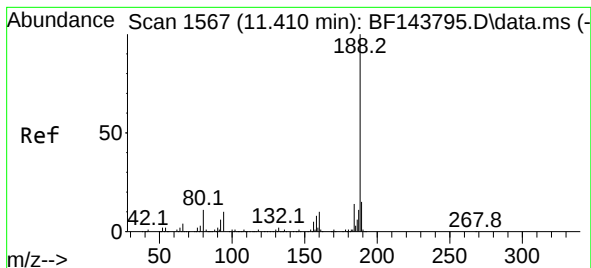
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 24.0 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143841.D

Acq: 30 Sep 2025 19:04

Instrument :

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WC-1

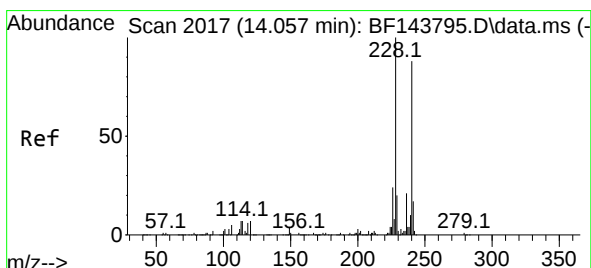
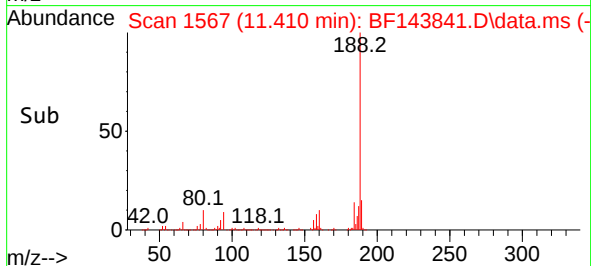
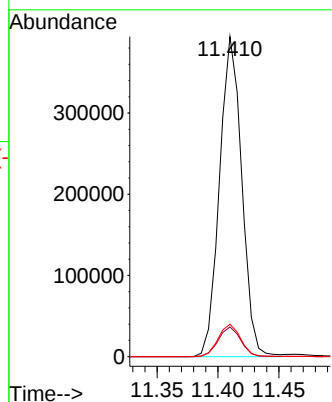
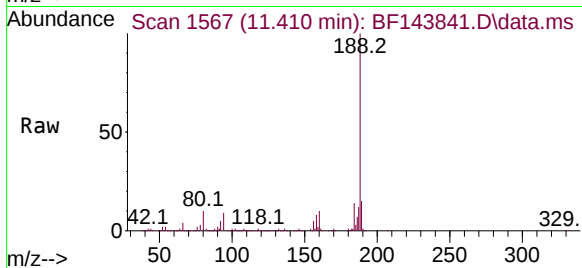
Tgt Ion:188 Resp: 500421

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

80 10.2 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF143841.D

Acq: 30 Sep 2025 19:04

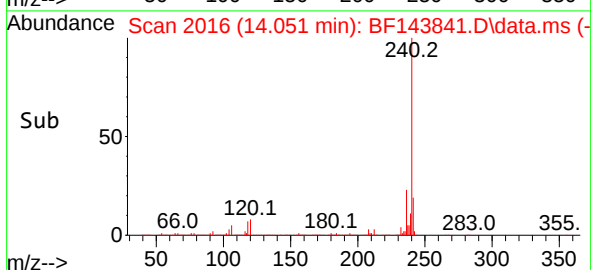
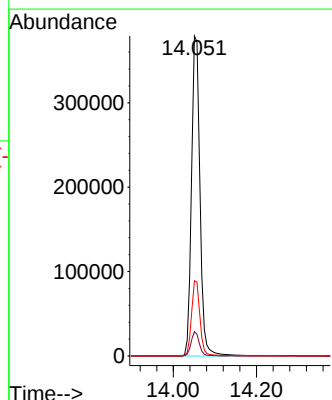
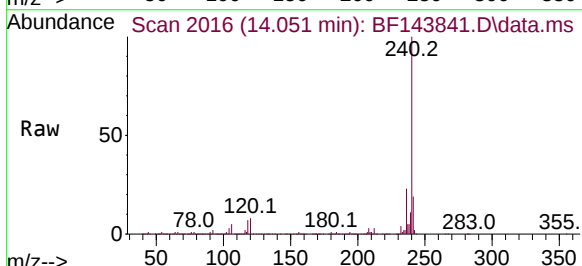
Tgt Ion:240 Resp: 536114

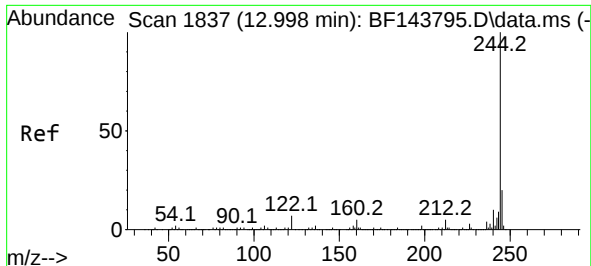
Ion Ratio Lower Upper

240 100

120 7.6 6.2 9.4

236 23.5 19.4 29.2

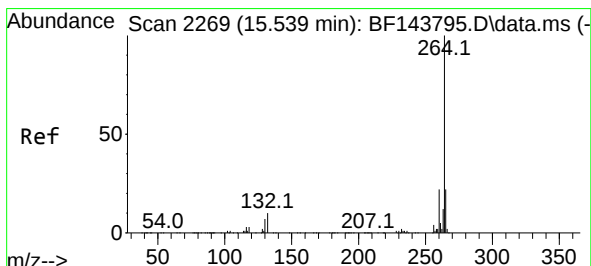
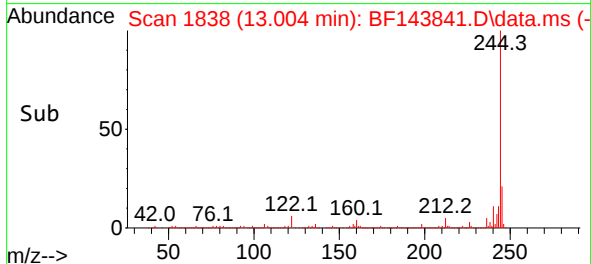
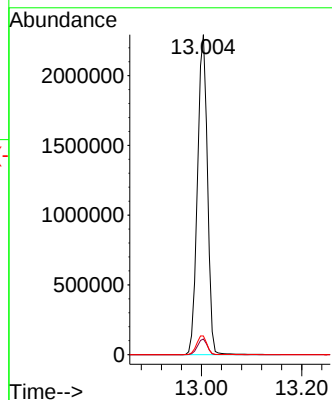
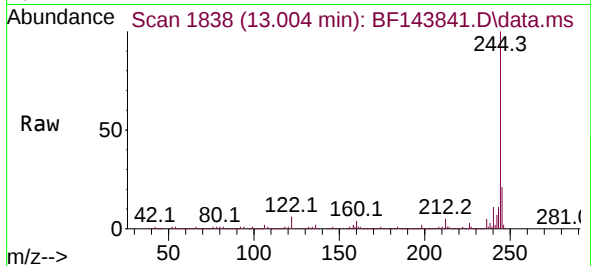




#79
 Terphenyl-d14
 Concen: 119.560 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: BF143841.D
 Acq: 30 Sep 2025 19:04

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 3151717
 Ion Ratio Lower Upper
 244 100
 212 4.9 3.9 5.9
 122 5.8 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF143841.D
 Acq: 30 Sep 2025 19:04

Tgt Ion:264 Resp: 546872
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.9 26.9
 265 22.5 17.7 26.5

