

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143062.D
Acq On : 09 Jul 2025 18:01
Operator : RC/JU
Sample : Q2529-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-101

Quant Time: Jul 09 18:57:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	47254	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	174308	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	90374	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	137992	20.000	ng	0.00
76) Chrysene-d12	14.051	240	101609	20.000	ng	0.00
86) Perylene-d12	15.545	264	114308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	213697	75.293	ng	0.00
7) Phenol-d6	6.504	99	260363	77.754	ng	0.00
23) Nitrobenzene-d5	7.434	82	162220	51.047	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	50160	53.935	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	361058	52.483	ng	-0.02
79) Terphenyl-d14	12.986	244	277886	37.788	ng	-0.01

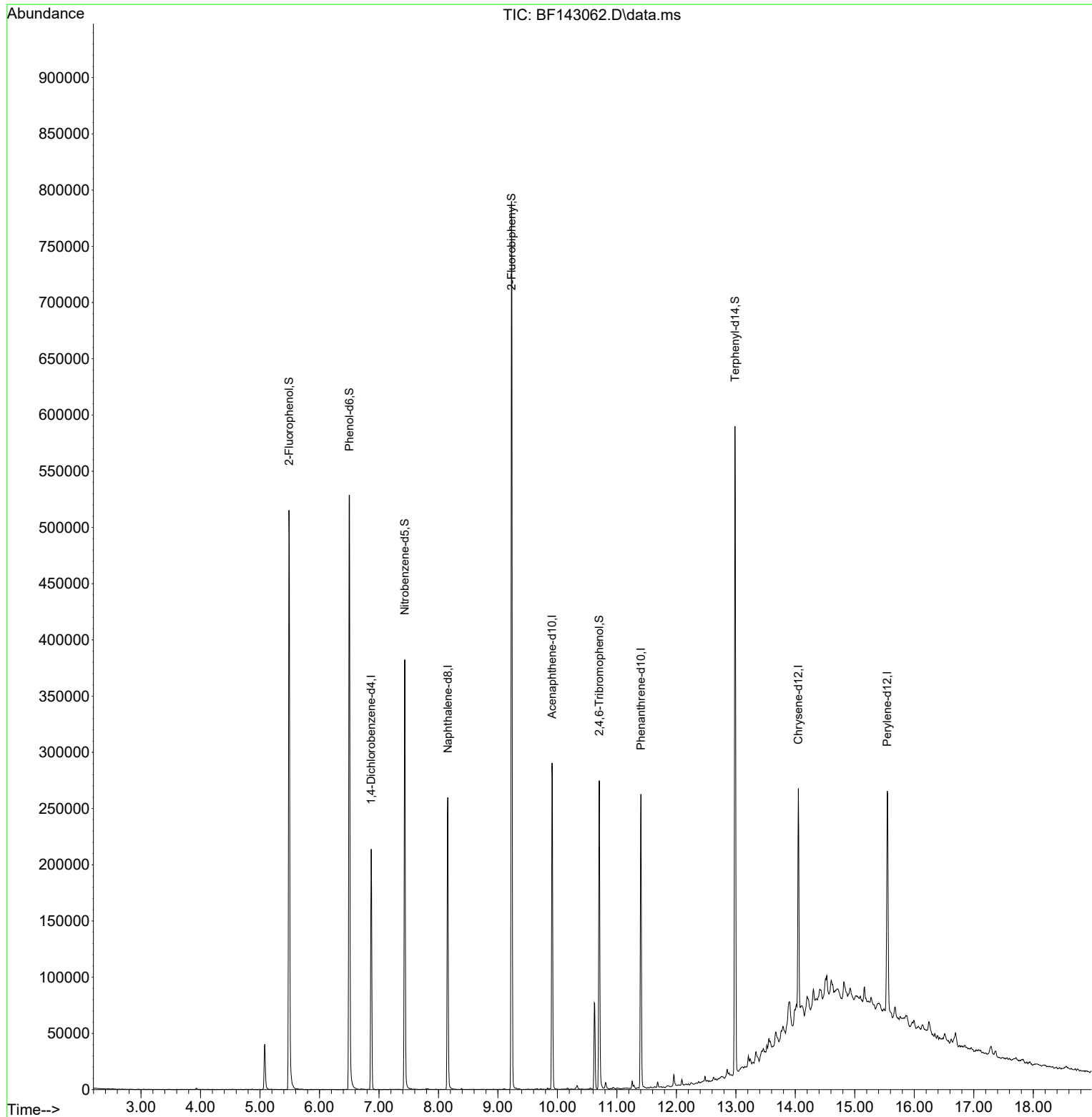
Target Compounds	Qvalue

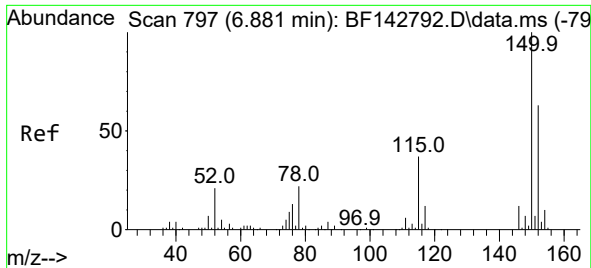
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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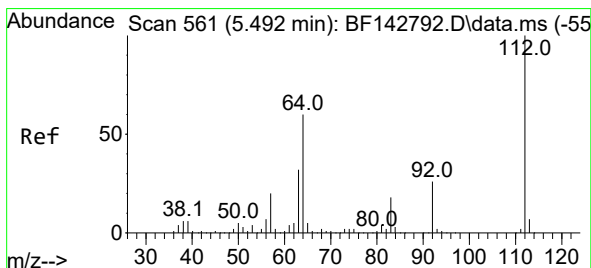
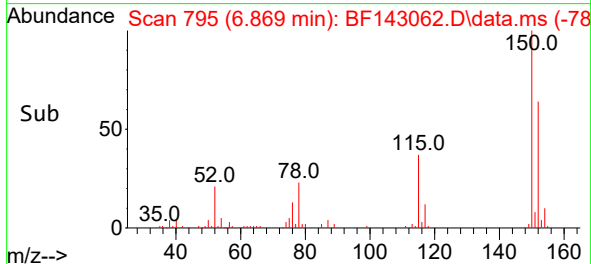
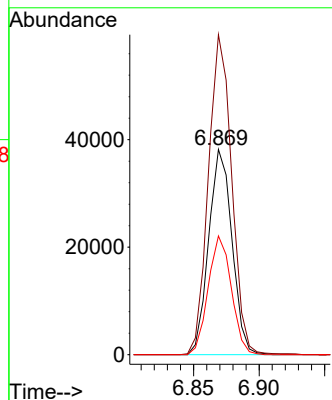
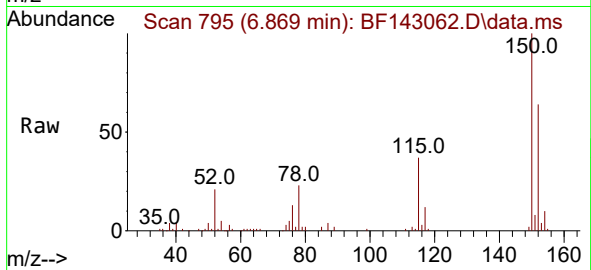




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 797
Delta R.T. -0.012 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

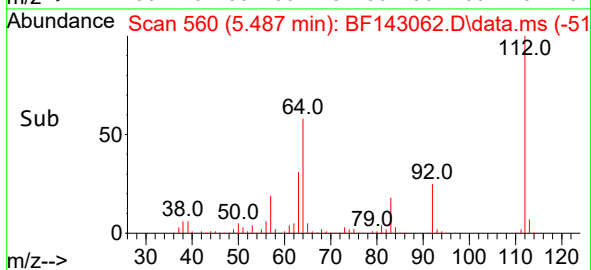
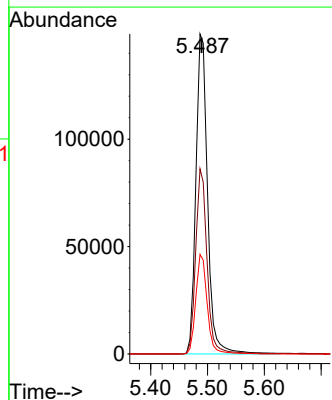
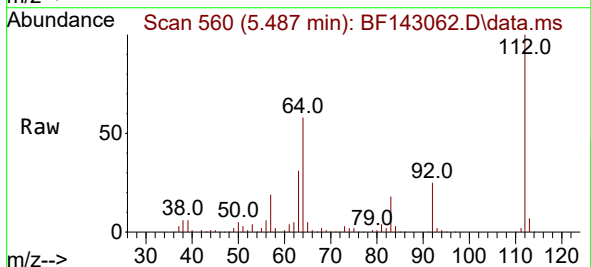
Instrument :
BNA_F
ClientSampleId :
TP-101

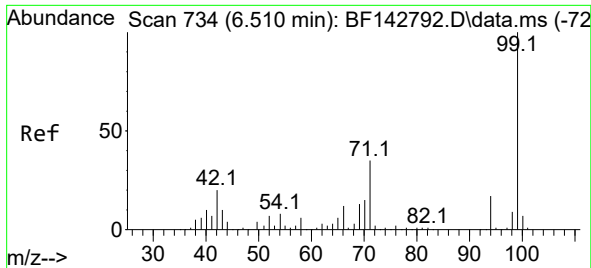
Tgt Ion:152 Resp: 47254
Ion Ratio Lower Upper
152 100
150 155.9 127.2 190.8
115 57.8 46.6 69.8



#5
2-Fluorophenol
Concen: 75.293 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.005 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Tgt Ion:112 Resp: 213697
Ion Ratio Lower Upper
112 100
64 57.9 48.2 72.2
63 31.1 25.7 38.5

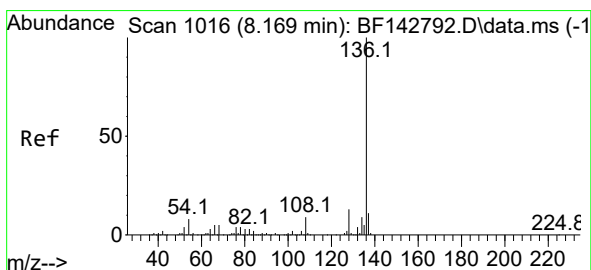
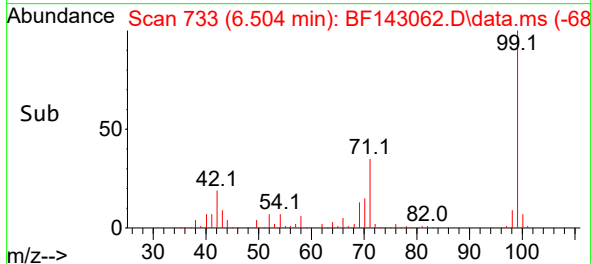
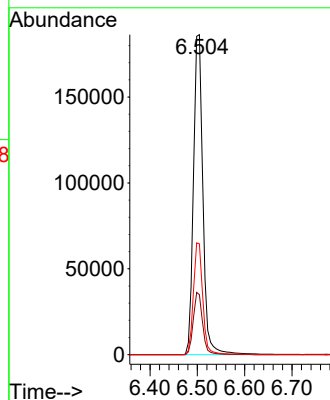
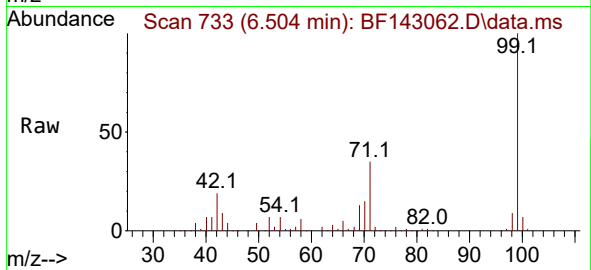




#7
Phenol-d6
Concen: 77.754 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

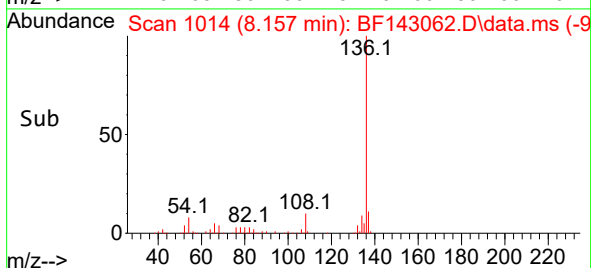
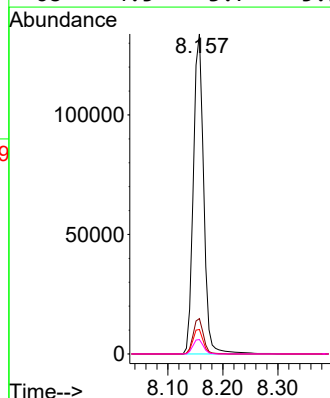
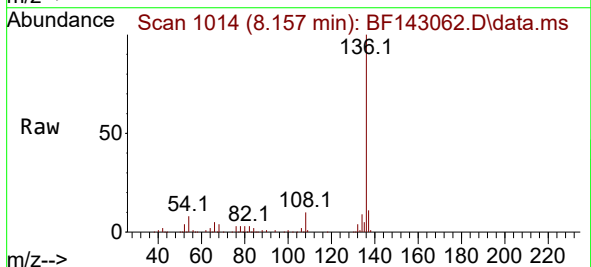
Instrument :
BNA_F
ClientSampleId :
TP-101

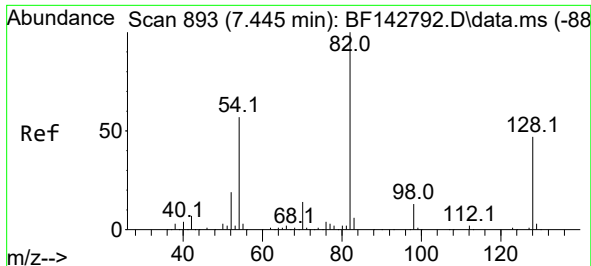
Tgt Ion: 99 Resp: 260363
Ion Ratio Lower Upper
99 100
42 18.8 15.9 23.9
71 34.7 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Tgt Ion: 136 Resp: 174308
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.6 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 51.047 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.011 min

Lab File: BF143062.D

Acq: 09 Jul 2025 18:01

Instrument :

BNA_F

ClientSampleId :

TP-101

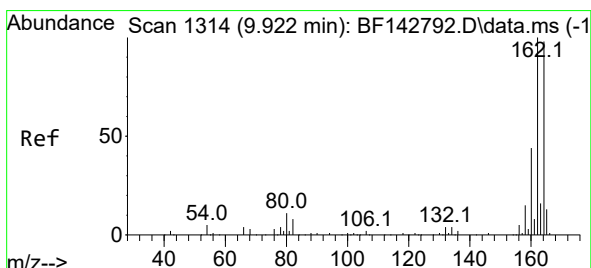
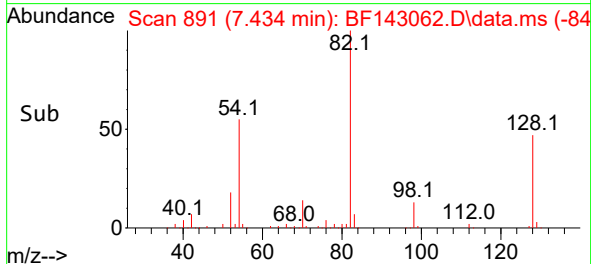
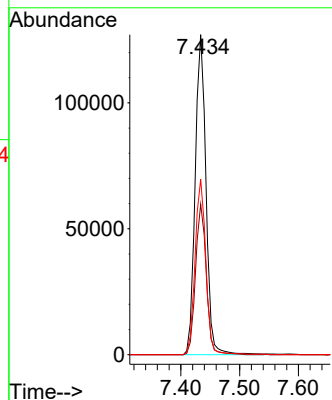
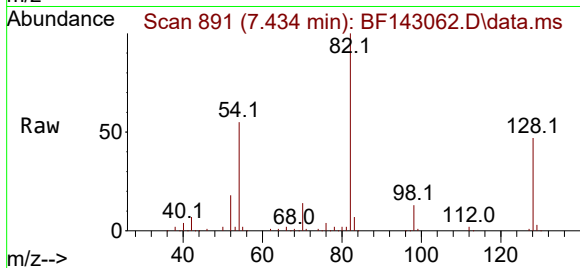
Tgt Ion: 82 Resp: 162220

Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

54 54.8 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1312

Delta R.T. -0.012 min

Lab File: BF143062.D

Acq: 09 Jul 2025 18:01

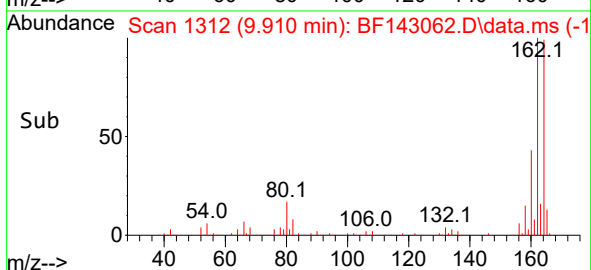
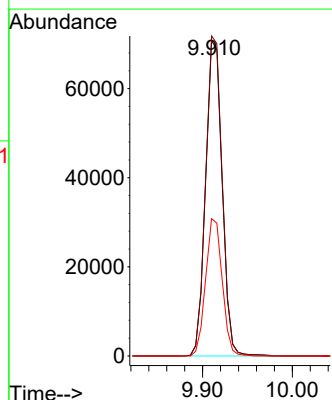
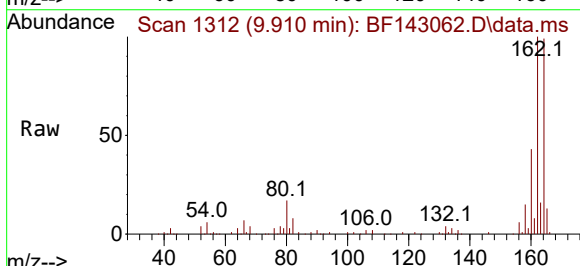
Tgt Ion:164 Resp: 90374

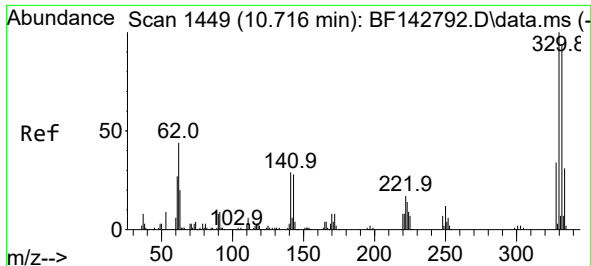
Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.8

160 43.5 36.0 54.0

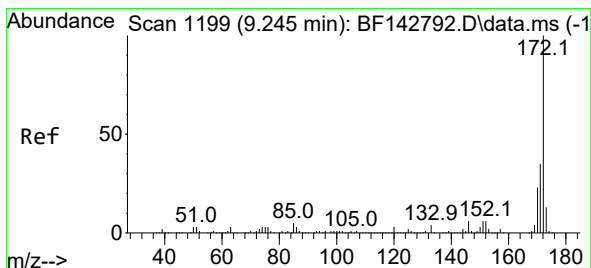
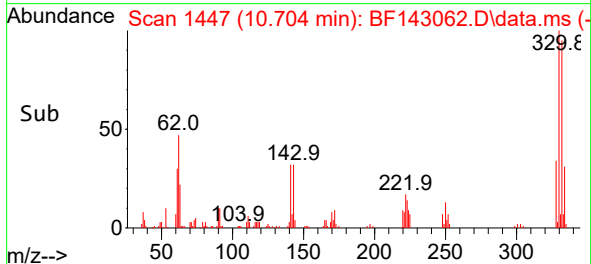
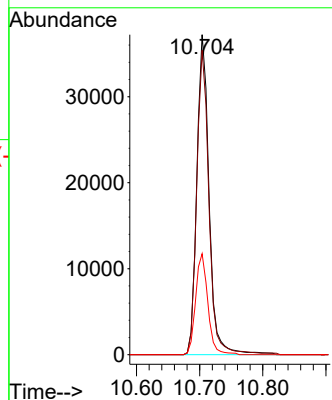
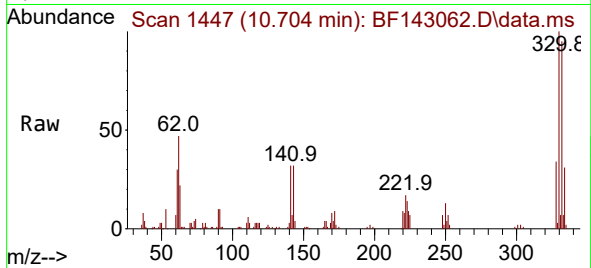




#42
2,4,6-Tribromophenol
Concen: 53.935 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

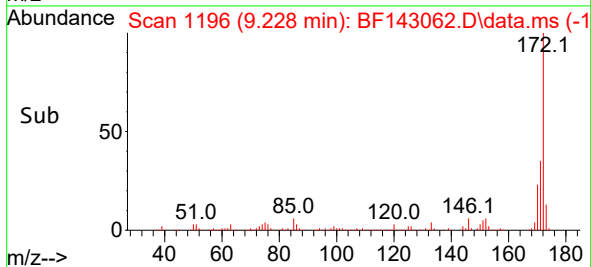
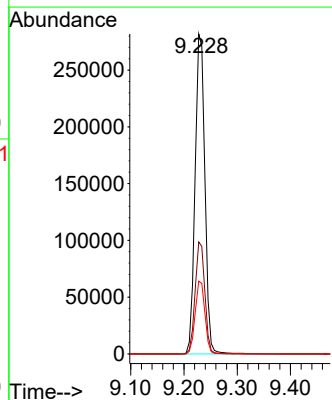
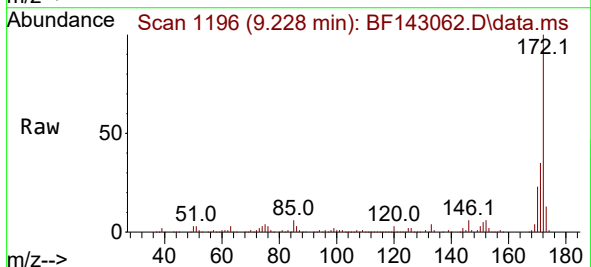
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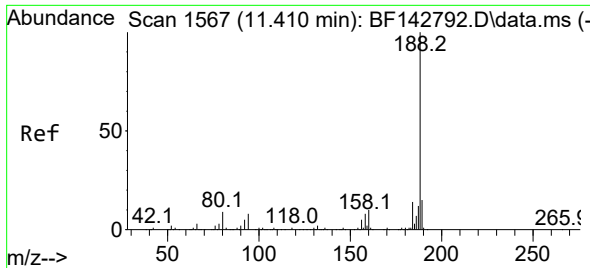
Tgt Ion:330 Resp: 50160
Ion Ratio Lower Upper
330 100
332 94.7 75.0 112.6
141 31.4 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 52.483 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.017 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Tgt Ion:172 Resp: 361058
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 22.8 18.5 27.7

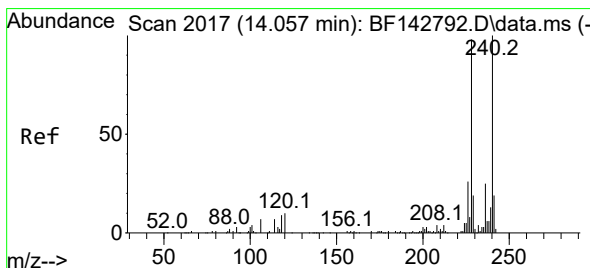
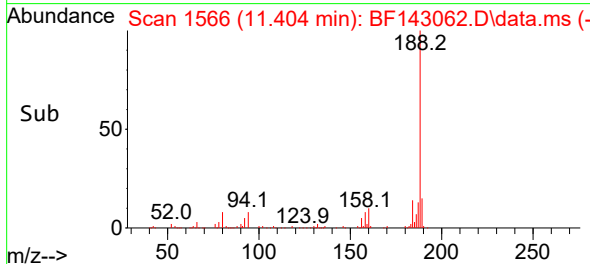
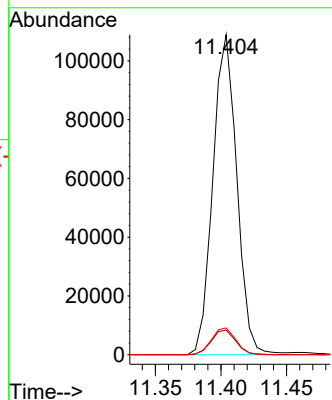
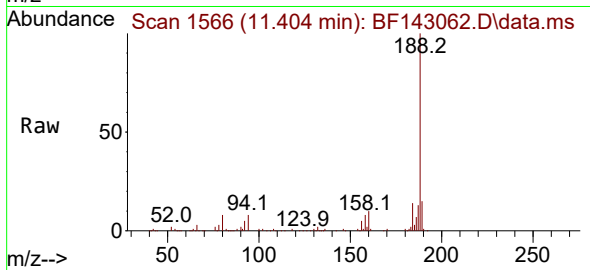




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

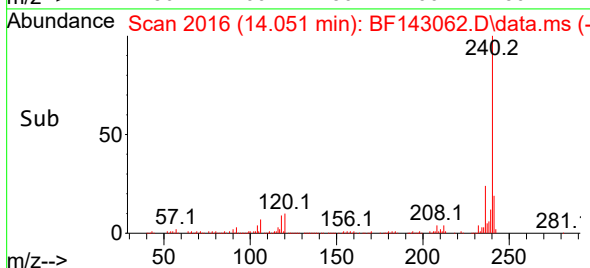
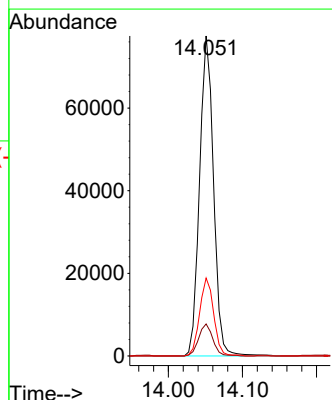
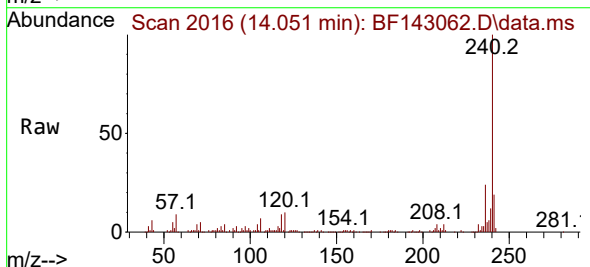
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TP-101

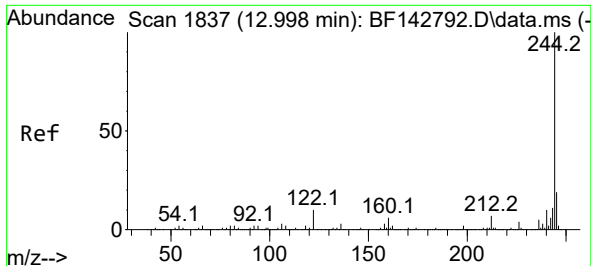
Tgt Ion:188 Resp: 137992
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

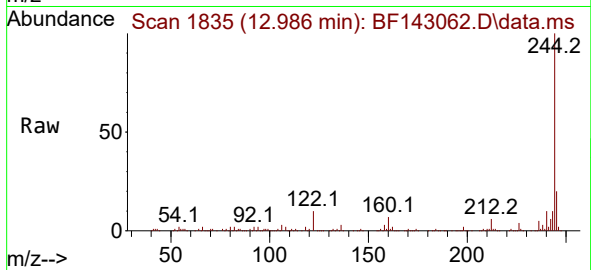
Tgt Ion:240 Resp: 101609
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 24.4 19.8 29.8



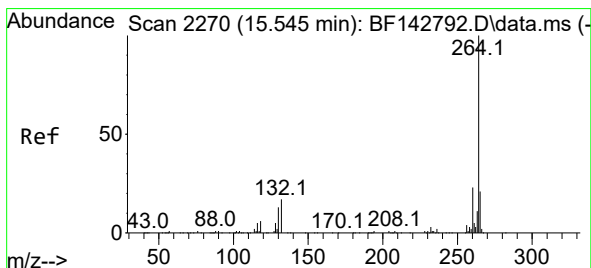
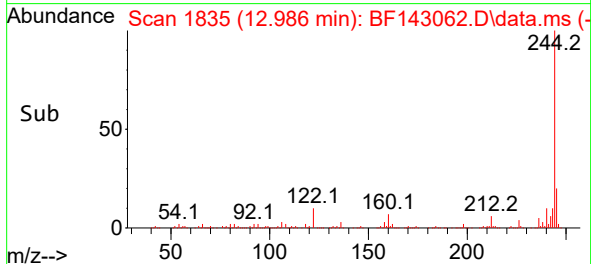
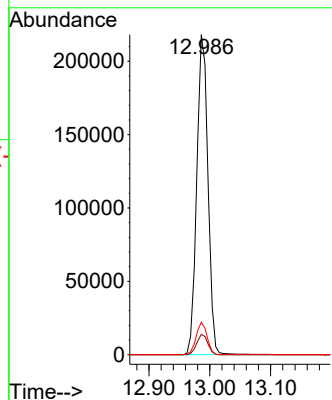


#79
 Terphenyl-d14
 Concen: 37.788 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF143062.D
 Acq: 09 Jul 2025 18:01

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 TP-101



Tgt Ion:244 Resp: 277886
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 10.2 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF143062.D
 Acq: 09 Jul 2025 18:01

Tgt Ion:264 Resp: 114308
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.1 27.1
 265 21.4 16.6 25.0

