

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
 Data File : BF142996.D
 Acq On : 03 Jul 2025 14:56
 Operator : RC/JU
 Sample : Q2484-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-104

Quant Time: Jul 03 15:47:01 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	6.875	152	71564	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	274705	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	149203	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	257344	20.000	ng	0.00
76) Chrysene-d12	14.051	240	143815	20.000	ng	0.00
86) Perylene-d12	15.539	264	171301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	330035	76.782	ng	0.00
7) Phenol-d6	6.504	99	393410	77.577	ng	0.00
23) Nitrobenzene-d5	7.434	82	238311	47.584	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	117304	76.400	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	522416	45.997	ng	-0.01
79) Terphenyl-d14	12.986	244	484616	46.559	ng	-0.01

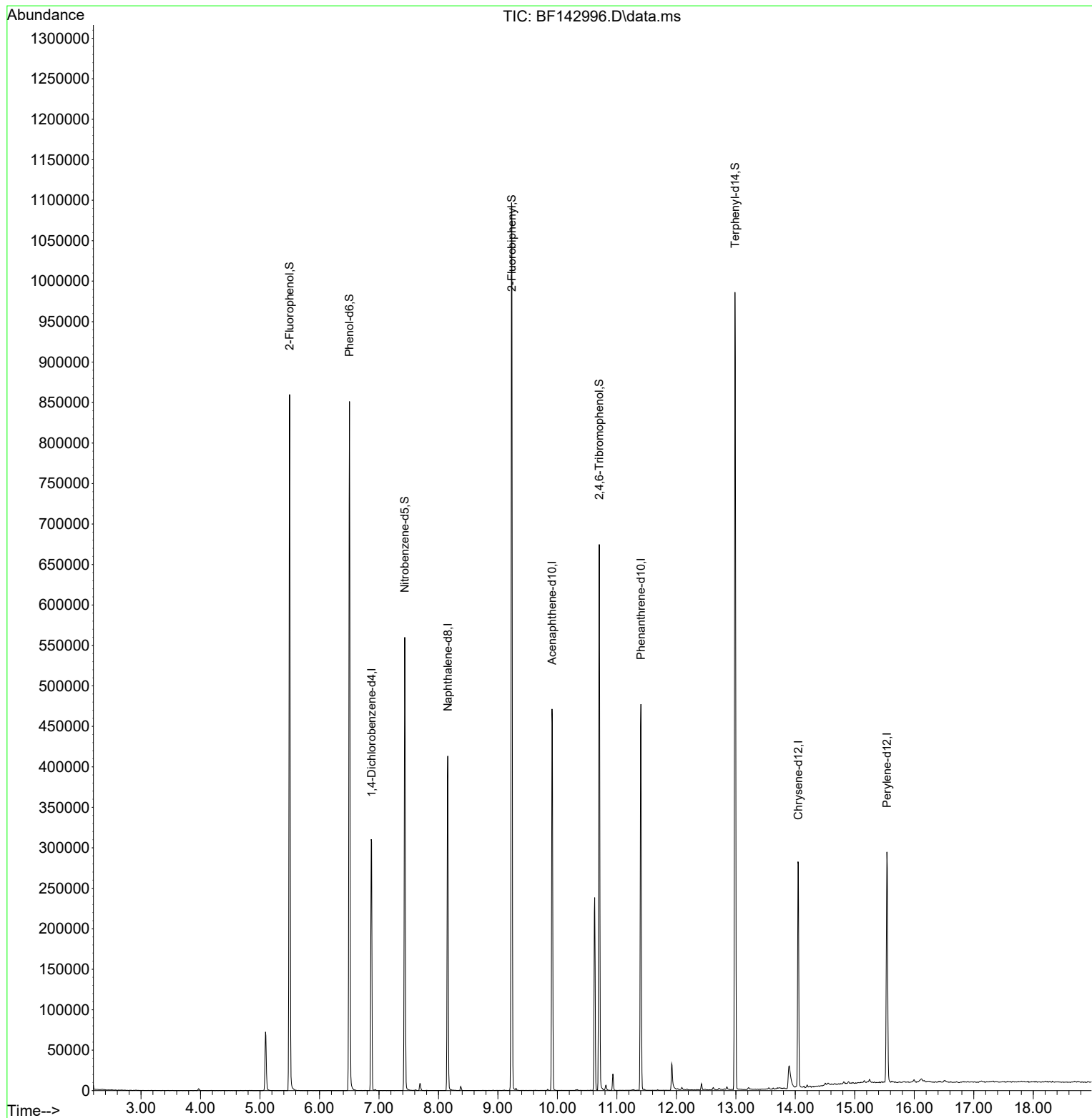
Target Compounds	Qvalue

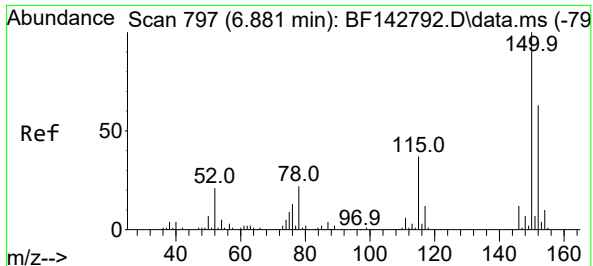
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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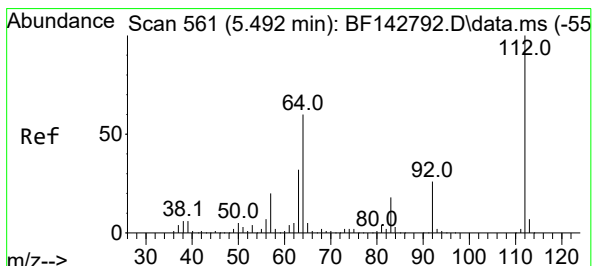
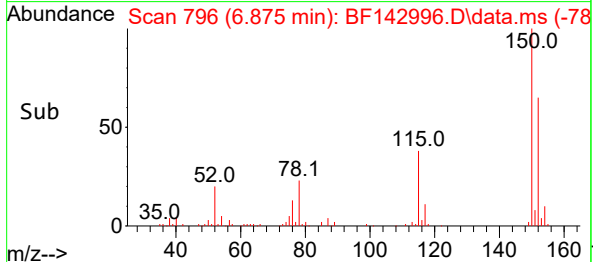
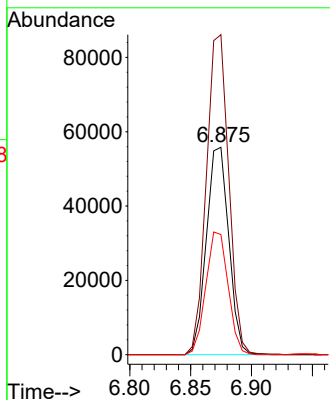
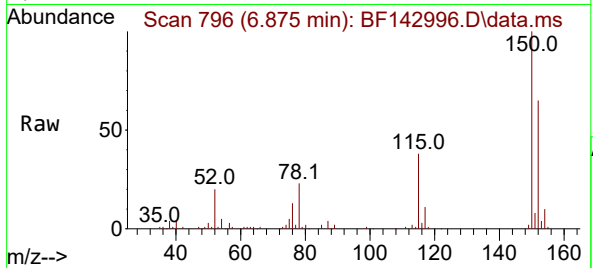




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142996.D
Acq: 03 Jul 2025 14:56

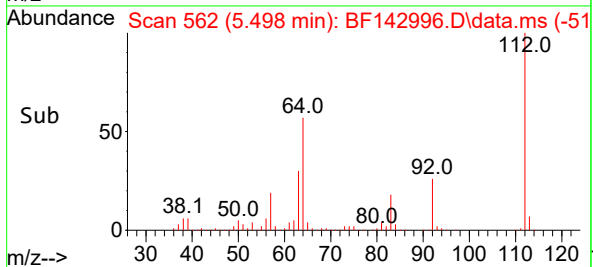
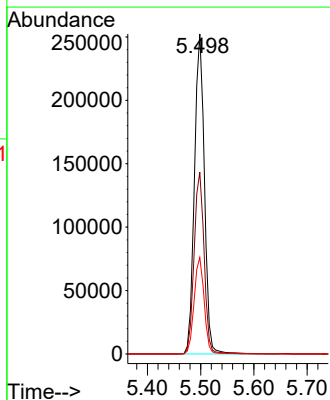
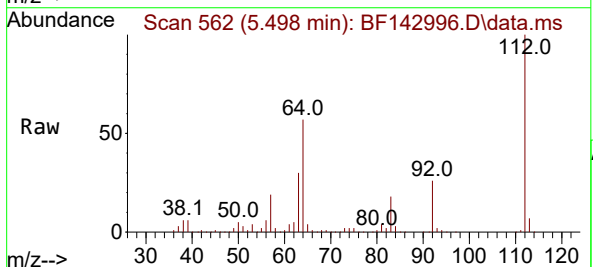
Instrument :
BNA_F
ClientSampleId :
TP-104

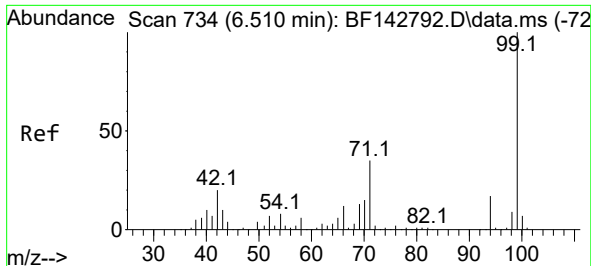
Tgt Ion:152 Resp: 71564
Ion Ratio Lower Upper
152 100
150 154.3 127.2 190.8
115 57.9 46.6 69.8



#5
2-Fluorophenol
Concen: 76.782 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF142996.D
Acq: 03 Jul 2025 14:56

Tgt Ion:112 Resp: 330035
Ion Ratio Lower Upper
112 100
64 56.8 48.2 72.2
63 30.2 25.7 38.5

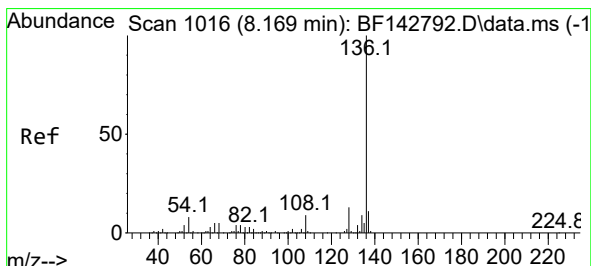
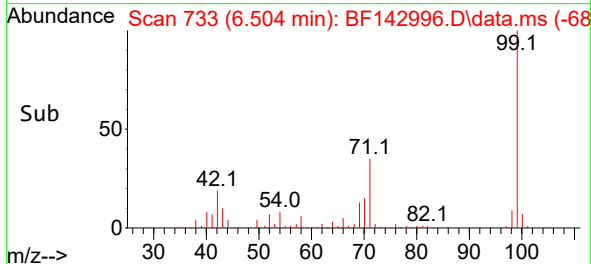
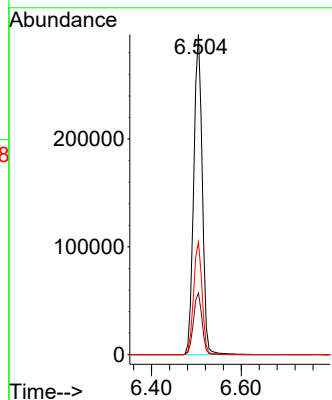
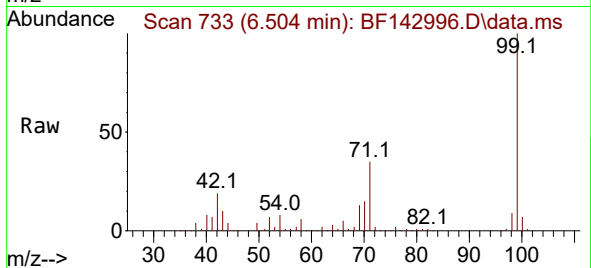




#7
Phenol-d6
Concen: 77.577 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142996.D
Acq: 03 Jul 2025 14:56

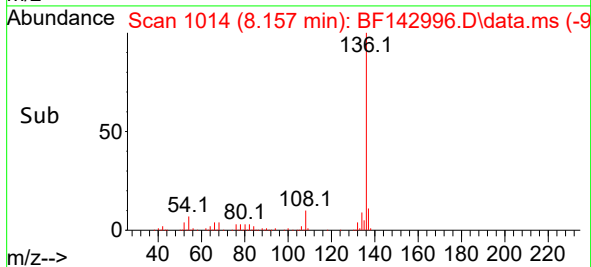
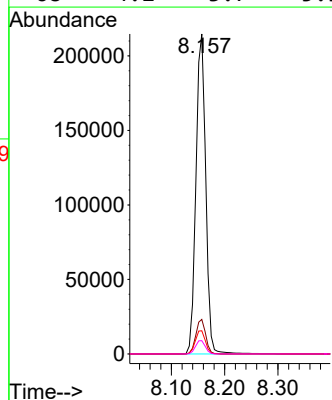
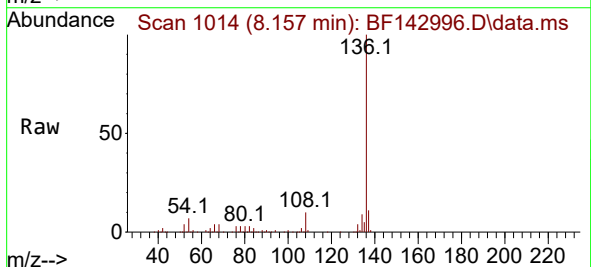
Instrument :
BNA_F
ClientSampleId :
TP-104

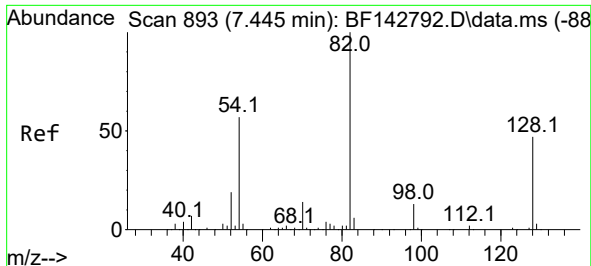
Tgt Ion: 99 Resp: 393410
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 35.2 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142996.D
Acq: 03 Jul 2025 14:56

Tgt Ion: 136 Resp: 274705
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.2 6.3 9.5
68 4.2 3.7 5.5





#23

Nitrobenzene-d5

Concen: 47.584 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF142996.D

Acq: 03 Jul 2025 14:56

Instrument :

BNA_F

ClientSampleId :

TP-104

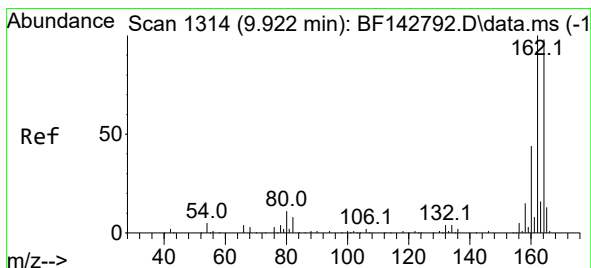
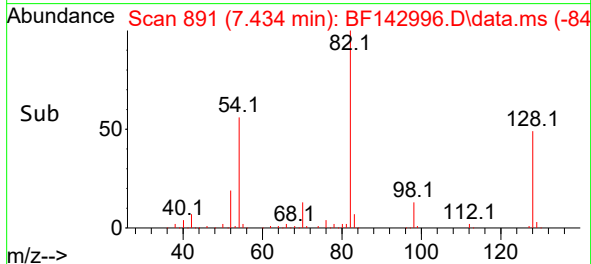
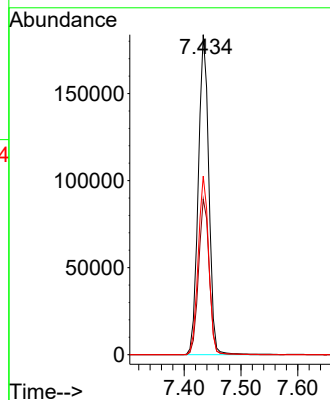
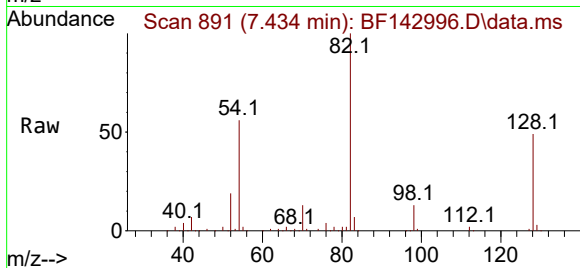
Tgt Ion: 82 Resp: 238311

Ion Ratio Lower Upper

82 100

128 48.6 37.7 56.5

54 55.8 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: BF142996.D

Acq: 03 Jul 2025 14:56

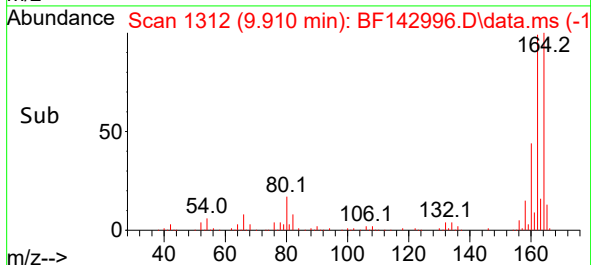
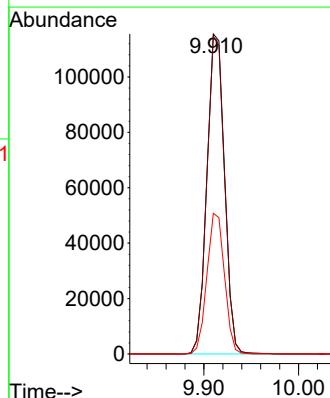
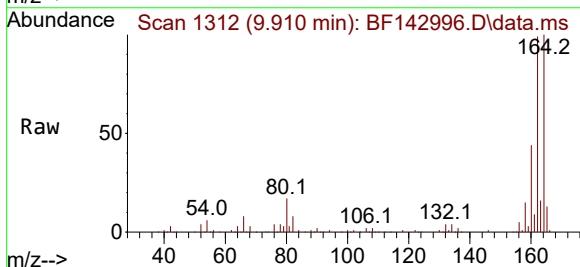
Tgt Ion:164 Resp: 149203

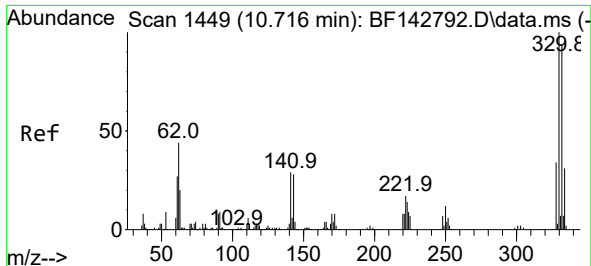
Ion Ratio Lower Upper

164 100

162 99.3 81.8 122.8

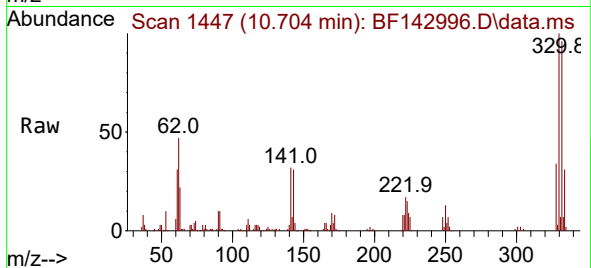
160 44.0 36.0 54.0



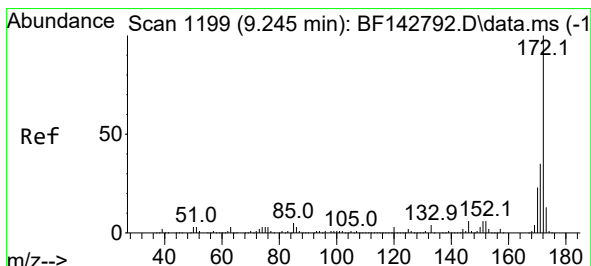
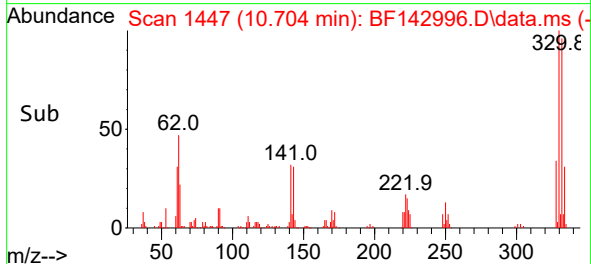
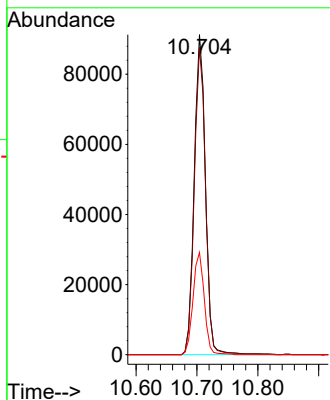


#42
2,4,6-Tribromophenol
Concen: 76.400 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142996.D
Acq: 03 Jul 2025 14:56

Instrument :
BNA_F
ClientSampleId :
TP-104

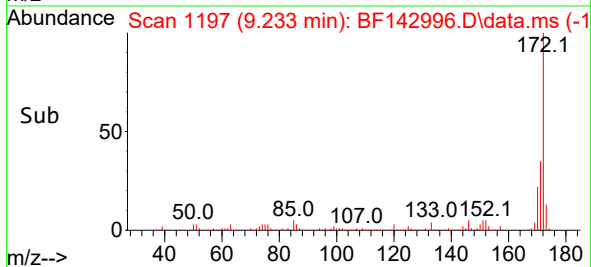
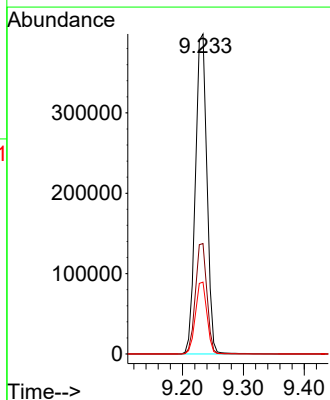
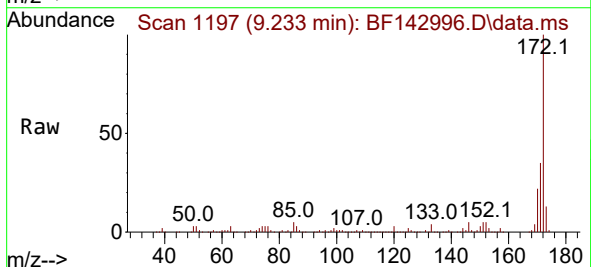


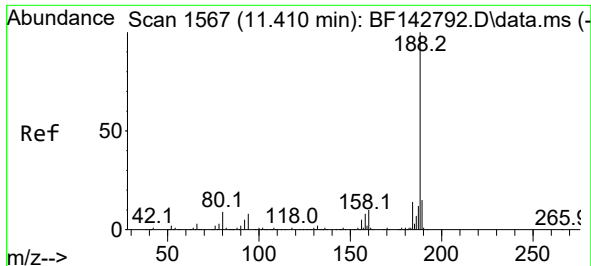
Tgt Ion:330 Resp: 117304
Ion Ratio Lower Upper
330 100
332 96.0 75.0 112.6
141 32.0 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 45.997 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142996.D
Acq: 03 Jul 2025 14:56

Tgt Ion:172 Resp: 522416
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.4
170 22.5 18.5 27.7

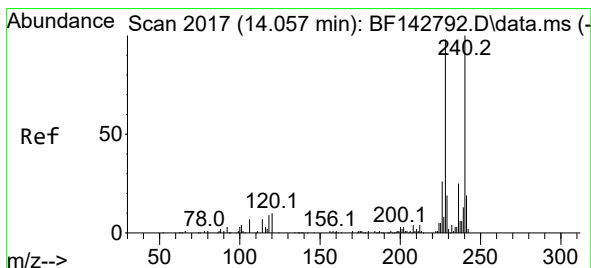
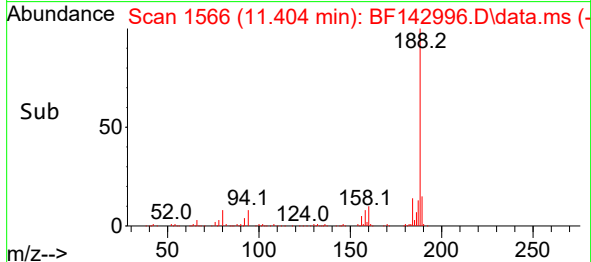
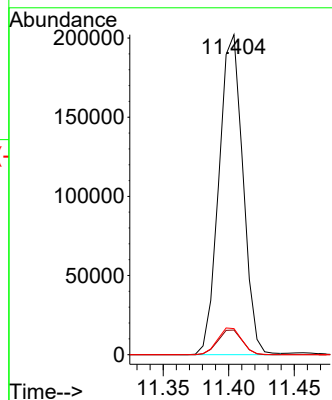
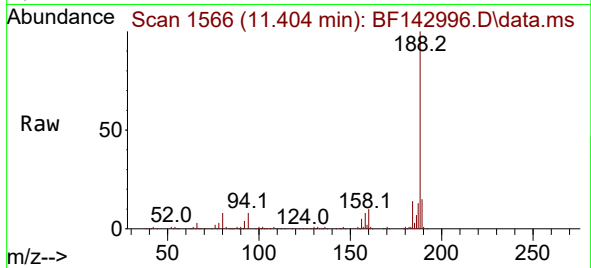




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142996.D
Acq: 03 Jul 2025 14:56

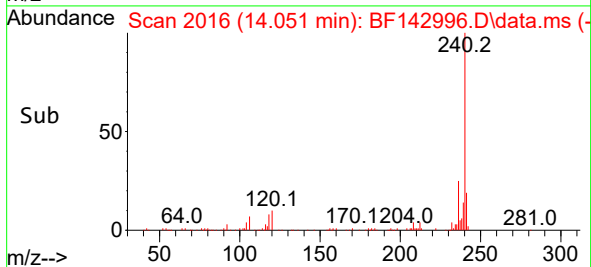
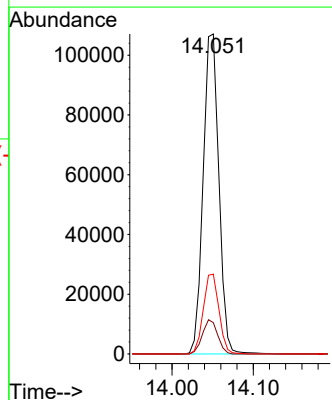
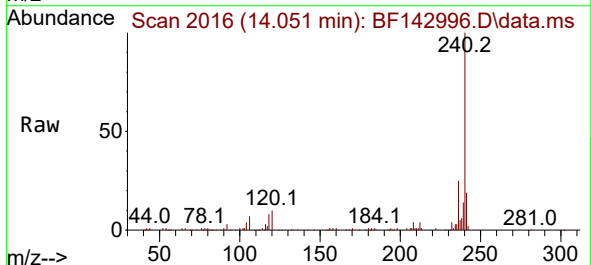
Instrument :
BNA_F
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TP-104

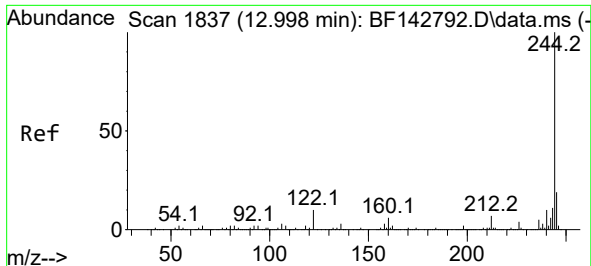
Tgt Ion:188 Resp: 257344
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142996.D
Acq: 03 Jul 2025 14:56

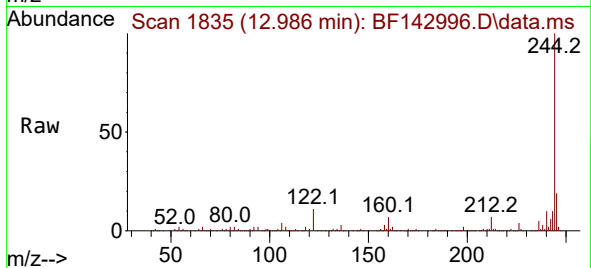
Tgt Ion:240 Resp: 143815
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 25.0 19.8 29.8



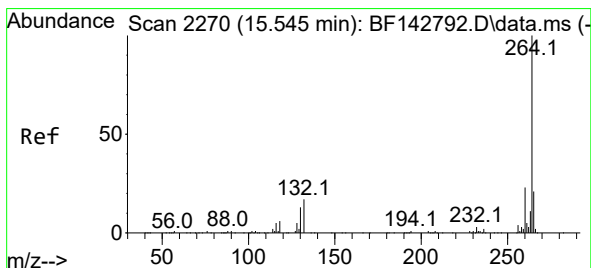
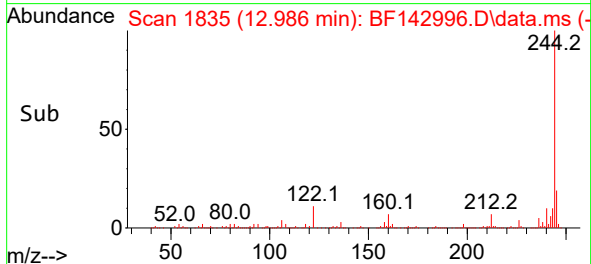
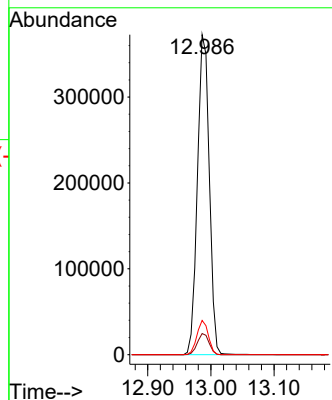


#79
 Terphenyl-d14
 Concen: 46.559 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF142996.D
 Acq: 03 Jul 2025 14:56

Instrument :
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Tgt Ion:244 Resp: 484616
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF142996.D
 Acq: 03 Jul 2025 14:56

Tgt Ion:264 Resp: 171301
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.1 27.1
 265 21.5 16.6 25.0

