

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142786.D
 Acq On : 18 Jun 2025 19:34
 Operator : RC/JU
 Sample : Q2347-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-9

Quant Time: Jun 19 02:13:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	79369	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	309413	20.000	ng	-0.02
39) Acenaphthene-d10	9.922	164	165626	20.000	ng	-0.02
64) Phenanthrene-d10	11.410	188	284510	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	186716	20.000	ng	-0.02
86) Perylene-d12	15.545	264	182523	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	605396	129.909	ng	0.01
7) Phenol-d6	6.510	99	673099	122.732	ng	-0.01
23) Nitrobenzene-d5	7.445	82	495109	87.573	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	251949	138.797	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1059318	84.972	ng	-0.02
79) Terphenyl-d14	12.998	244	1001473	73.666	ng	-0.01

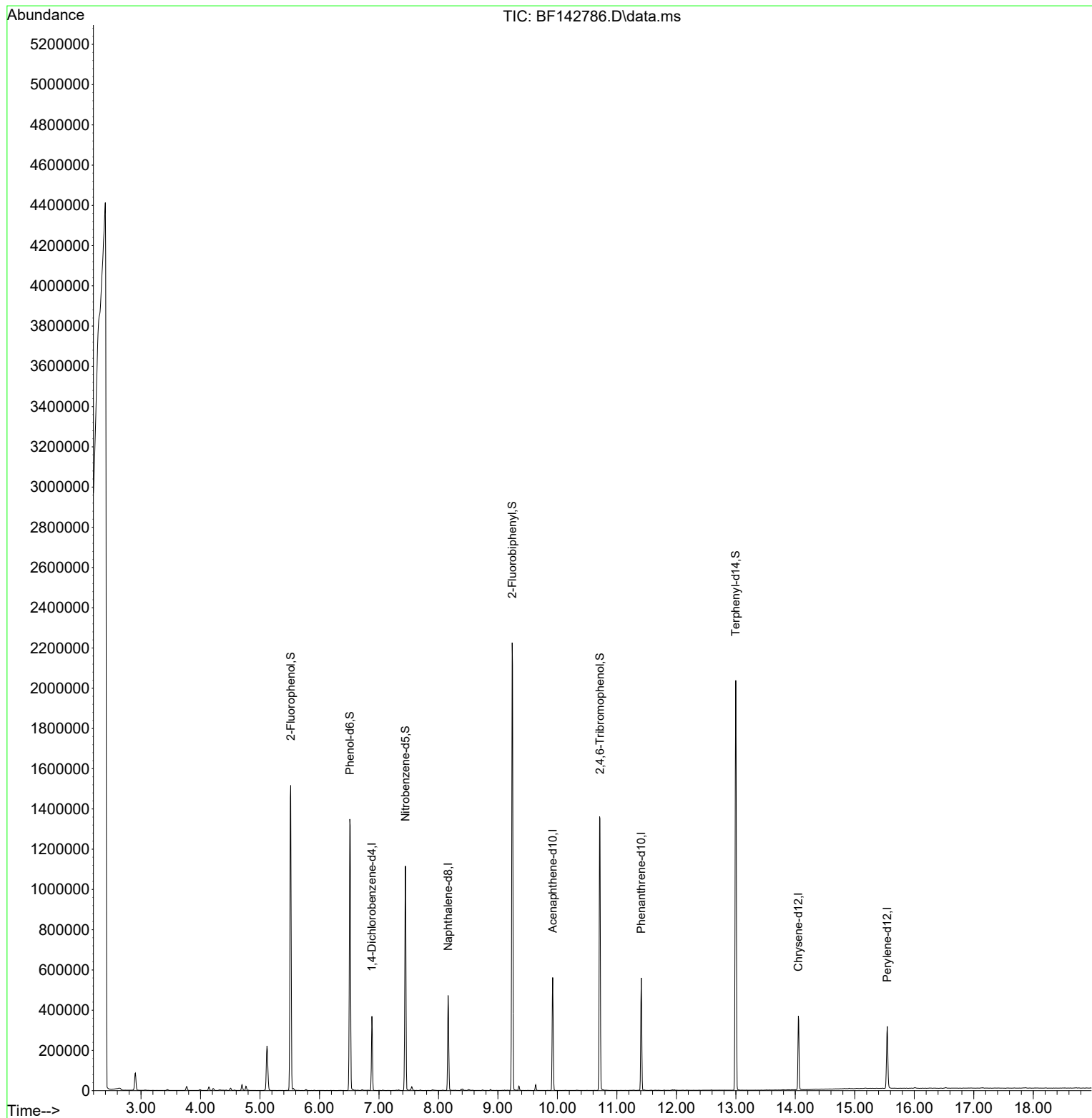
Target Compounds	Qvalue

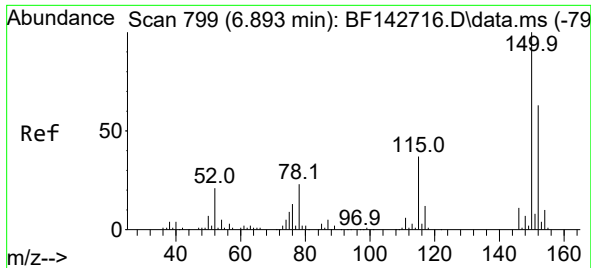
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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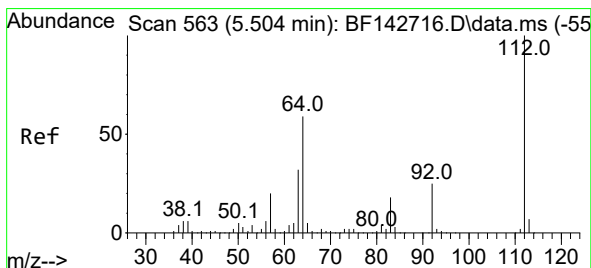
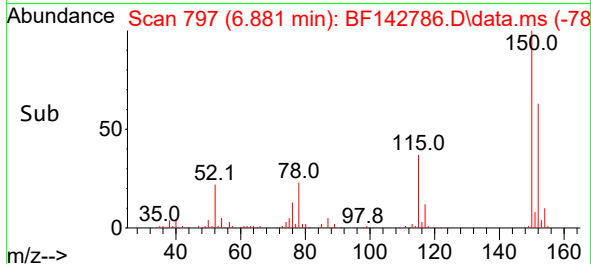
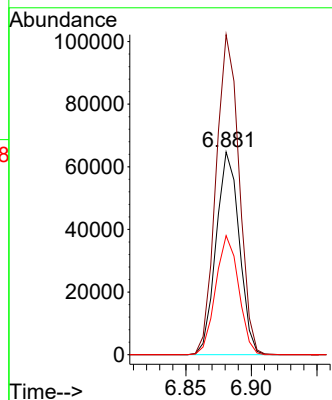
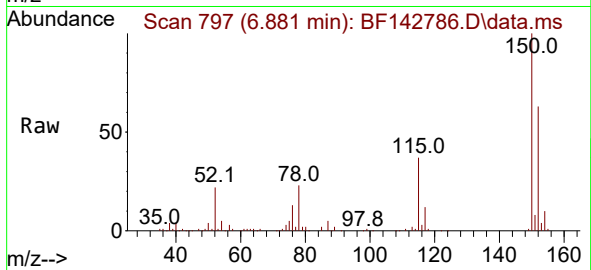




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF142786.D
Acq: 18 Jun 2025 19:34

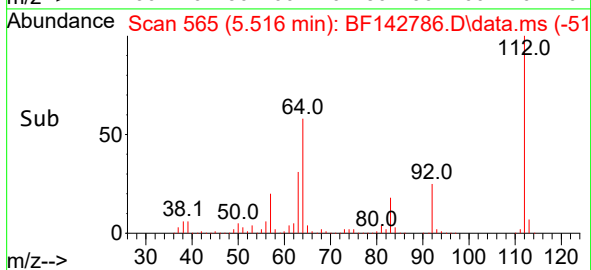
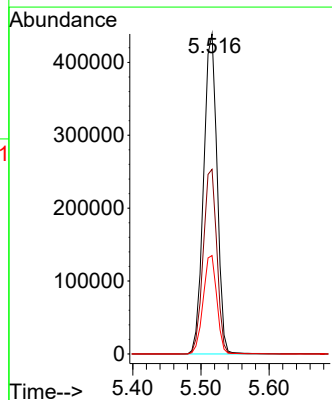
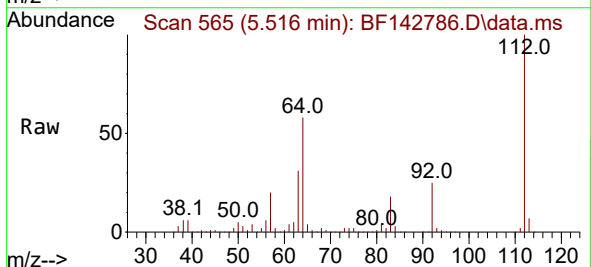
Instrument :
BNA_F
ClientSampleId :
TP-10-9

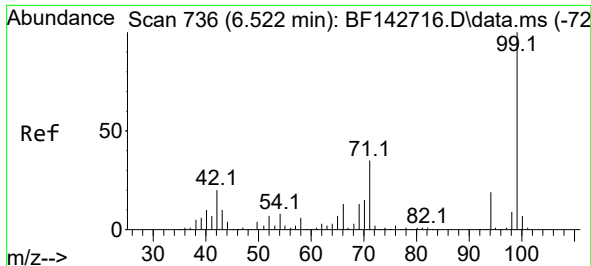
Tgt Ion:152 Resp: 79369
Ion Ratio Lower Upper
152 100
150 157.8 126.9 190.3
115 58.7 47.0 70.6



#5
2-Fluorophenol
Concen: 129.909 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF142786.D
Acq: 18 Jun 2025 19:34

Tgt Ion:112 Resp: 605396
Ion Ratio Lower Upper
112 100
64 57.7 47.4 71.2
63 30.7 25.4 38.0

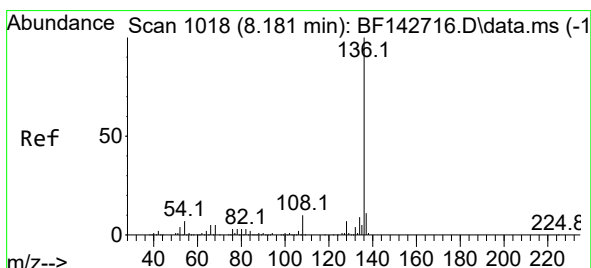
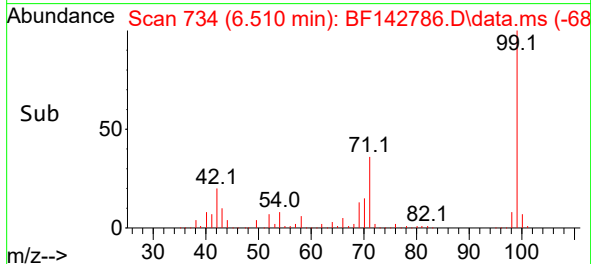
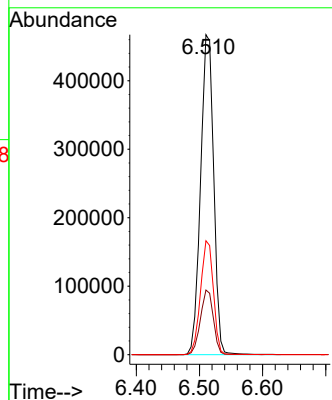
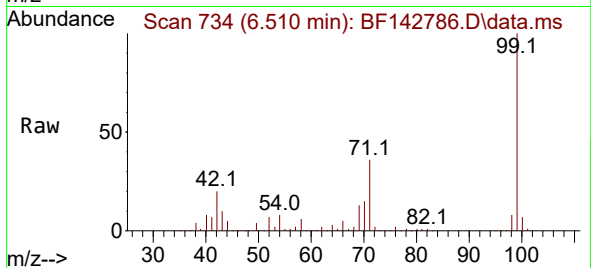




#7
Phenol-d6
Concen: 122.732 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142786.D
Acq: 18 Jun 2025 19:34

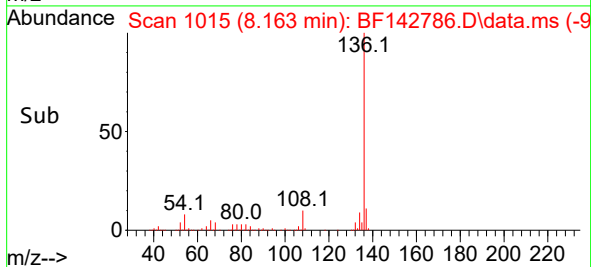
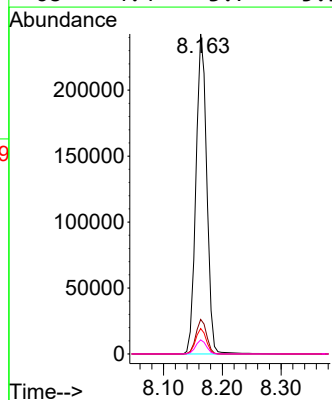
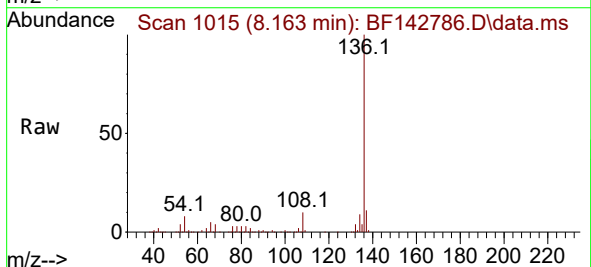
Instrument :
BNA_F
ClientSampleId :
TP-10-9

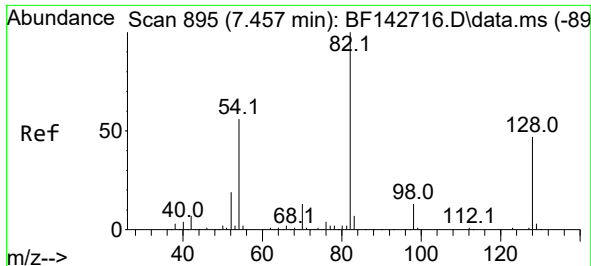
Tgt Ion: 99 Resp: 673099
Ion Ratio Lower Upper
99 100
42 20.2 15.9 23.9
71 35.6 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BF142786.D
Acq: 18 Jun 2025 19:34

Tgt Ion: 136 Resp: 309413
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.0 5.9 8.9
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 87.573 ng

RT: 7.445 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142786.D

Acq: 18 Jun 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP-10-9

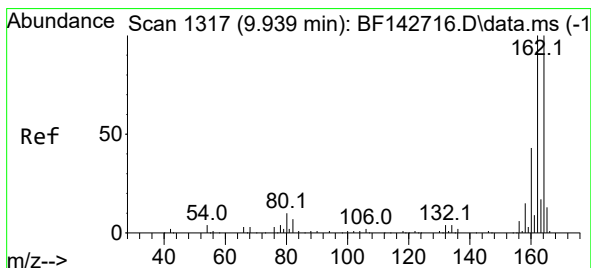
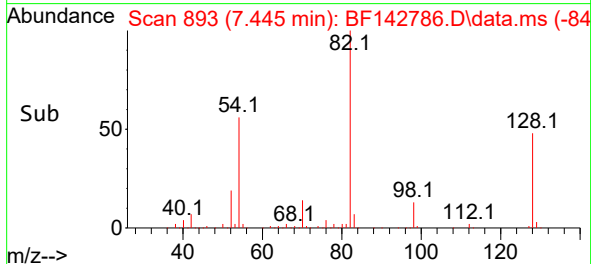
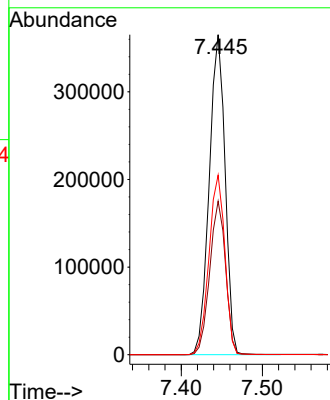
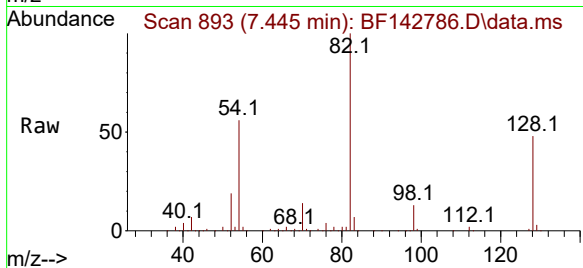
Tgt Ion: 82 Resp: 495109

Ion Ratio Lower Upper

82 100

128 48.0 37.8 56.8

54 56.1 44.9 67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.018 min

Lab File: BF142786.D

Acq: 18 Jun 2025 19:34

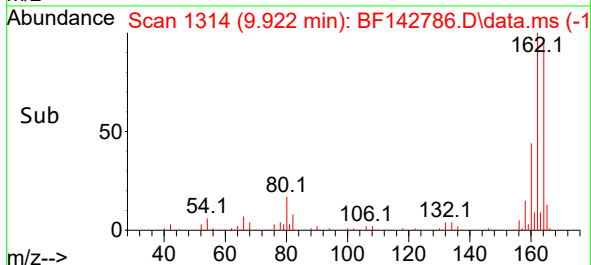
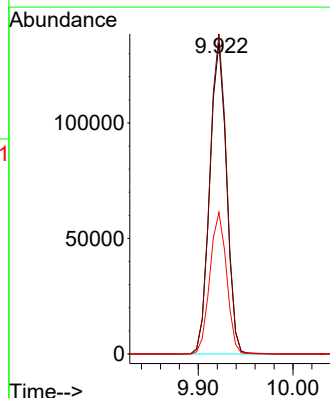
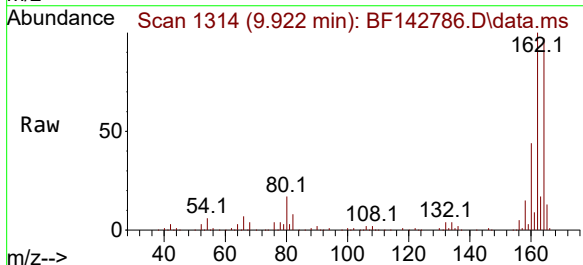
Tgt Ion:164 Resp: 165626

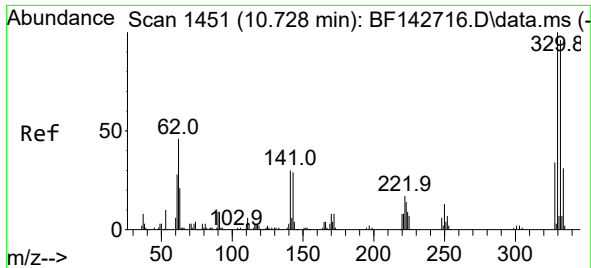
Ion Ratio Lower Upper

164 100

162 102.8 79.9 119.9

160 45.5 34.8 52.2

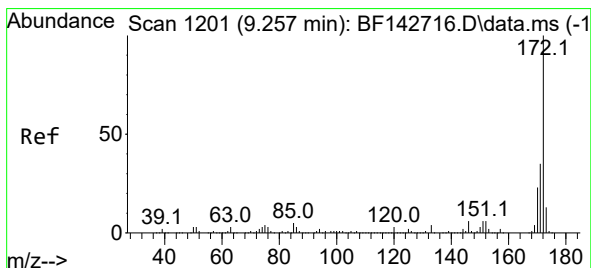
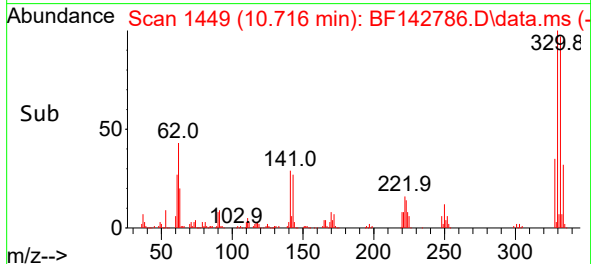
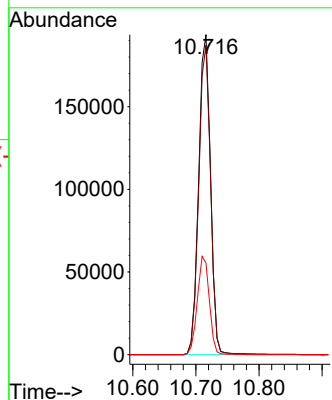
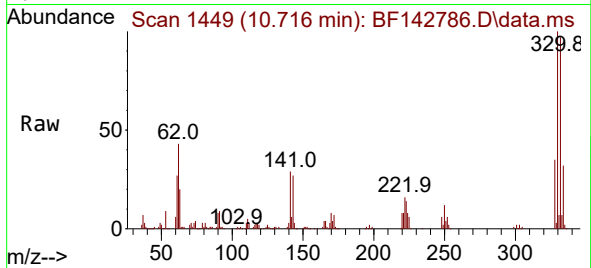




#42
2,4,6-Tribromophenol
Concen: 138.797 ng
RT: 10.716 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142786.D
Acq: 18 Jun 2025 19:34

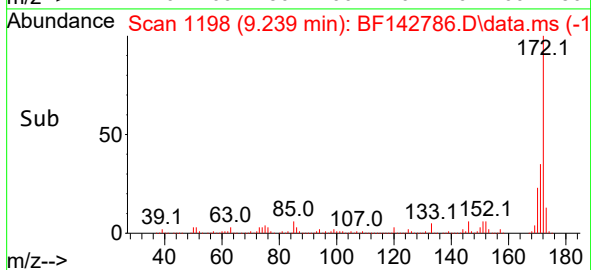
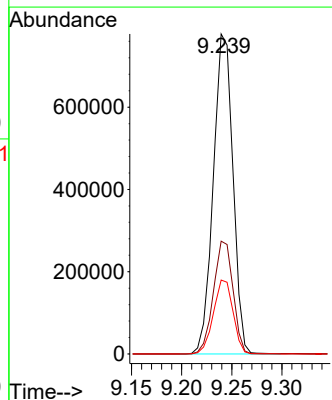
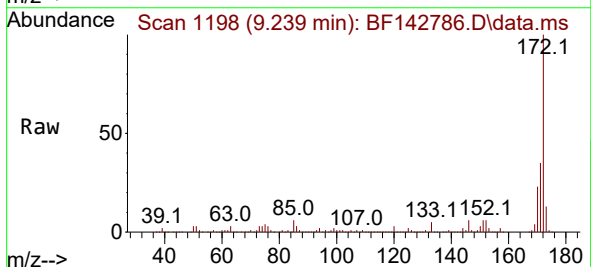
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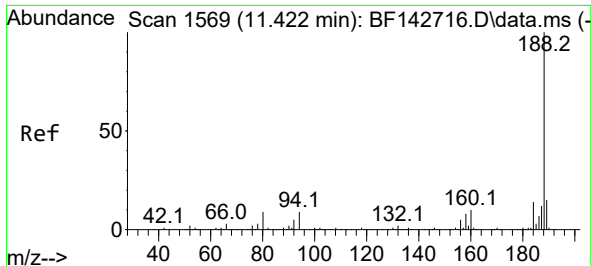
Tgt Ion:330 Resp: 251949
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 31.1 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 84.972 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF142786.D
Acq: 18 Jun 2025 19:34

Tgt Ion:172 Resp: 1059318
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.1 18.6 27.8

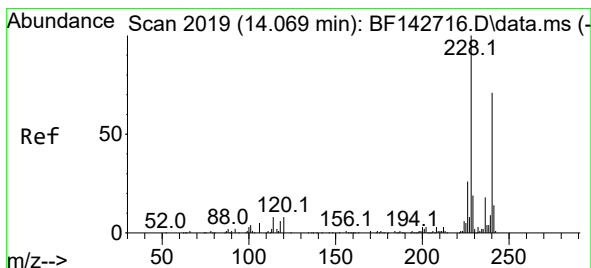
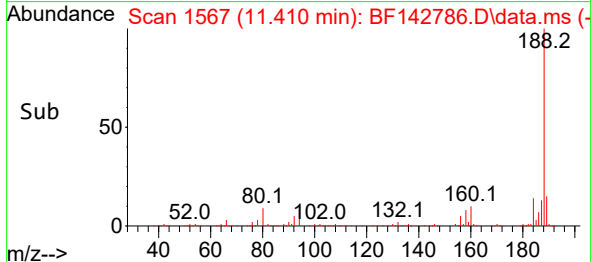
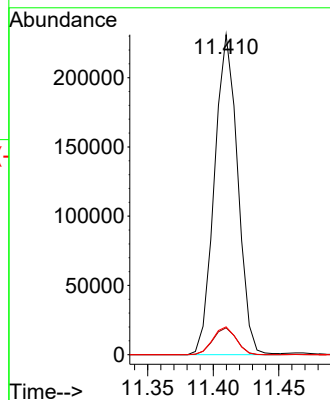
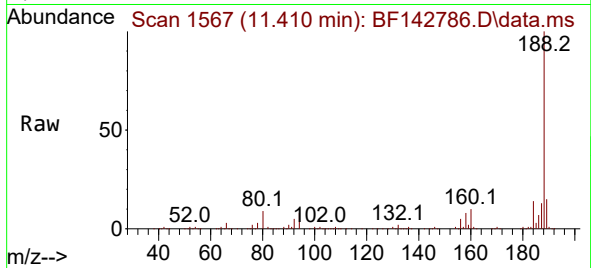




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142786.D
Acq: 18 Jun 2025 19:34

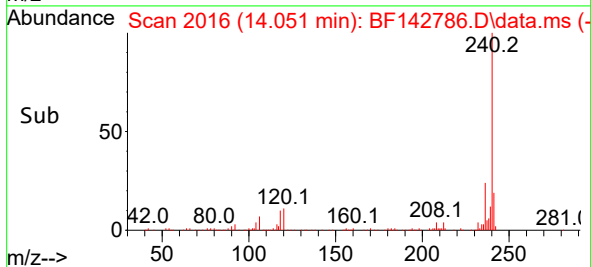
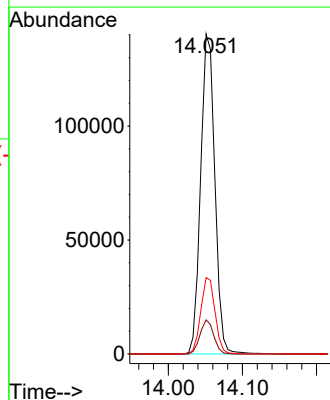
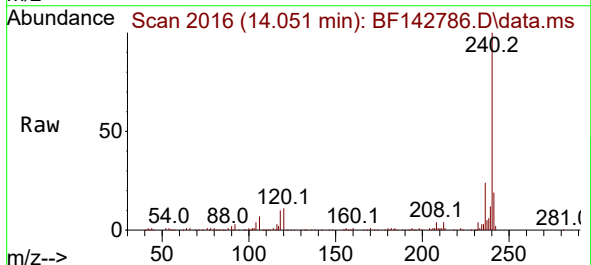
Instrument :
BNA_F
ClientSampleId :
TP-10-9

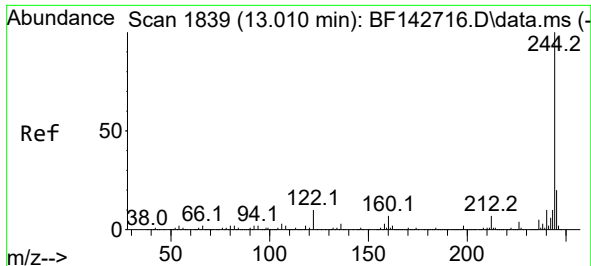
Tgt Ion:188 Resp: 284510
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 8.7 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.018 min
Lab File: BF142786.D
Acq: 18 Jun 2025 19:34

Tgt Ion:240 Resp: 186716
Ion Ratio Lower Upper
240 100
120 10.6 8.5 12.7
236 23.8 20.1 30.1

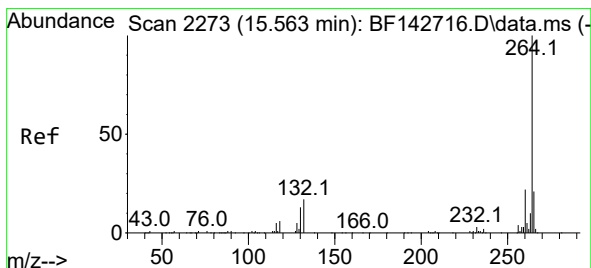
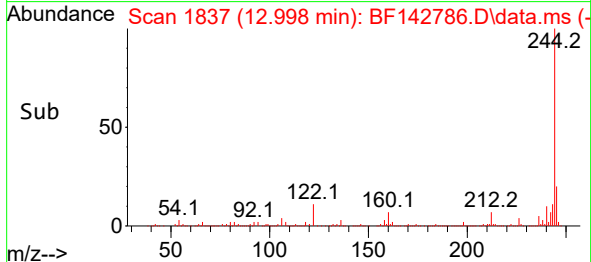
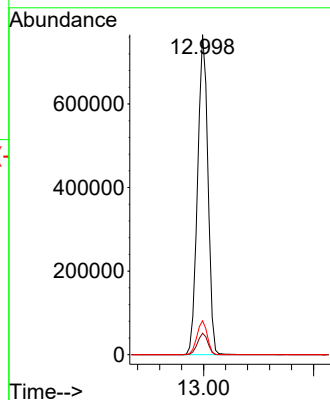
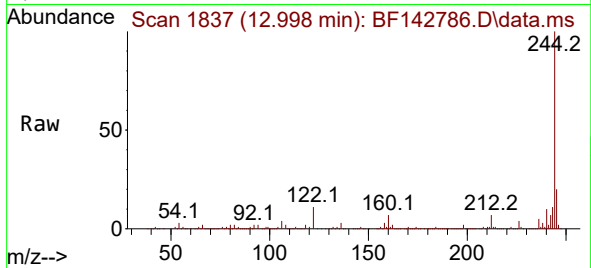




#79
 Terphenyl-d14
 Concen: 73.666 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.012 min
 Lab File: BF142786.D
 Acq: 18 Jun 2025 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-10-9

Tgt Ion:244 Resp: 1001473
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. -0.018 min
 Lab File: BF142786.D
 Acq: 18 Jun 2025 19:34

Tgt Ion:264 Resp: 182523
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.8 26.6
 265 21.6 16.6 25.0

