

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142938.D
 Acq On : 01 Jul 2025 02:44
 Operator : RC/JU
 Sample : Q2452-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Jul 01 03:33:59 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	58779	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	205775	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	98036	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	139342	20.000	ng	0.00
76) Chrysene-d12	14.045	240	126752	20.000	ng	-0.01
86) Perylene-d12	15.539	264	132621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	209363	59.302	ng	0.00
7) Phenol-d6	6.498	99	243808	58.534	ng	-0.01
23) Nitrobenzene-d5	7.434	82	142375	37.951	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	53502	53.032	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	312500	41.875	ng	-0.01
79) Terphenyl-d14	12.986	244	243224	26.513	ng	-0.01

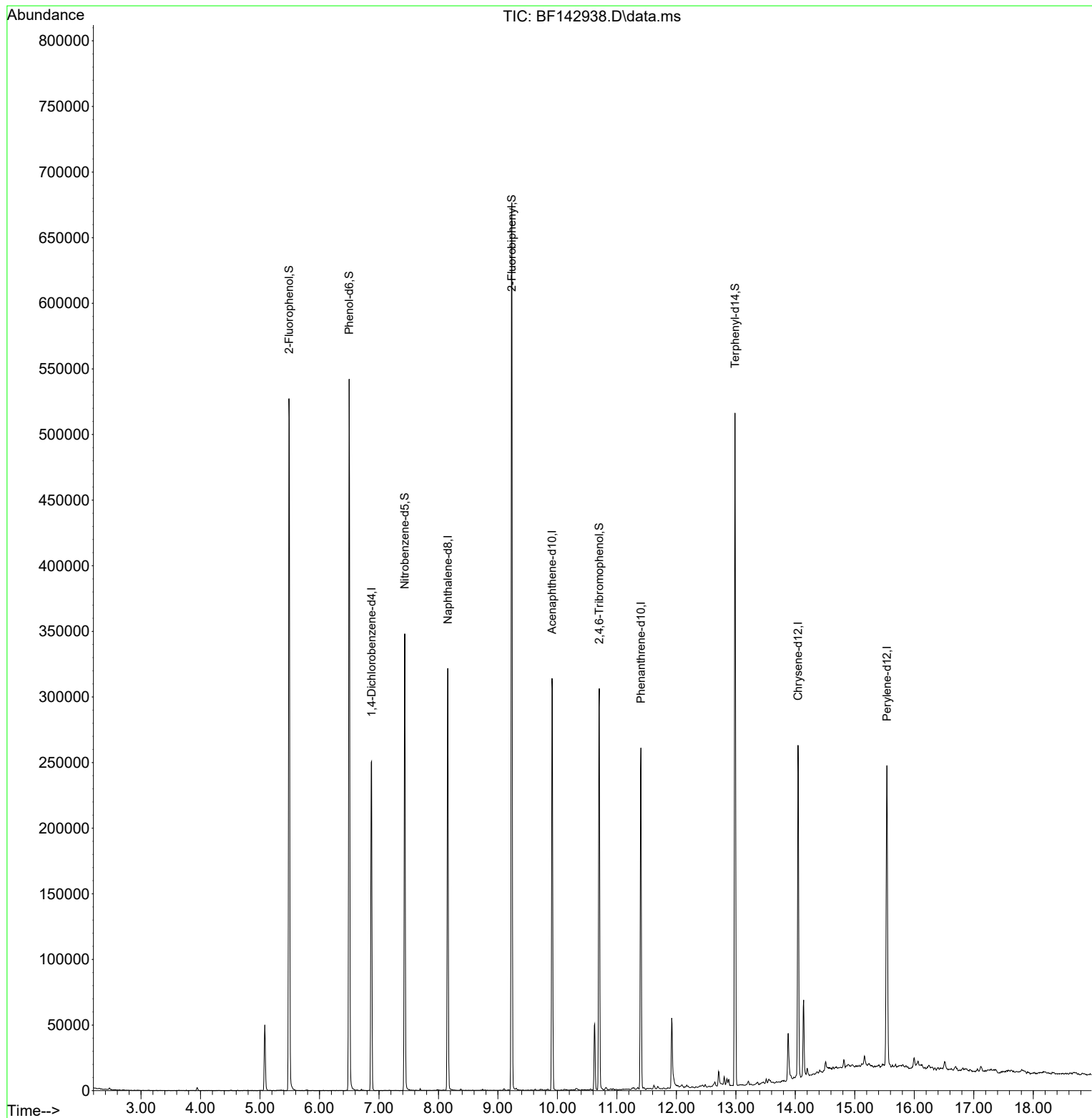
Target Compounds	Qvalue

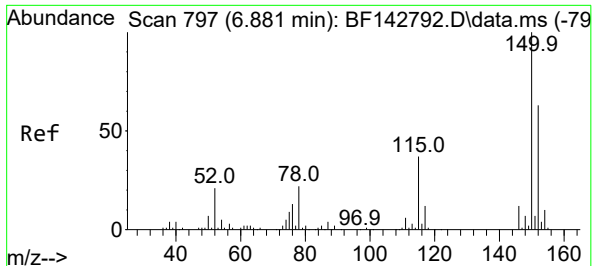
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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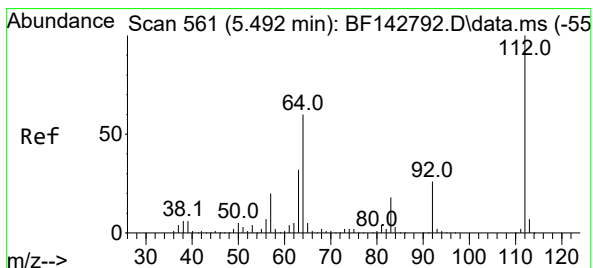
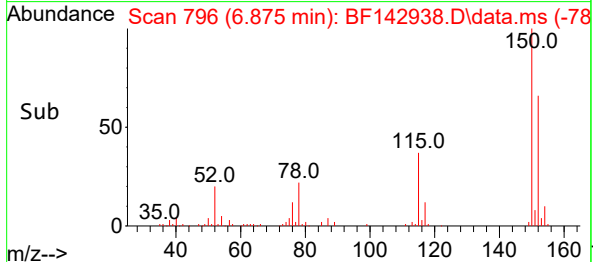
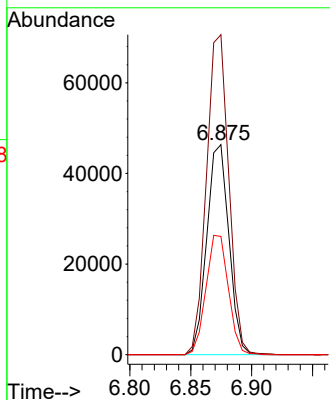
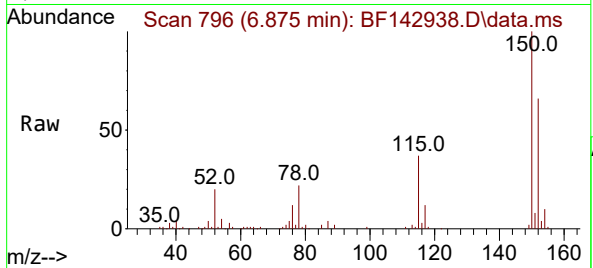




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142938.D
Acq: 01 Jul 2025 02:44

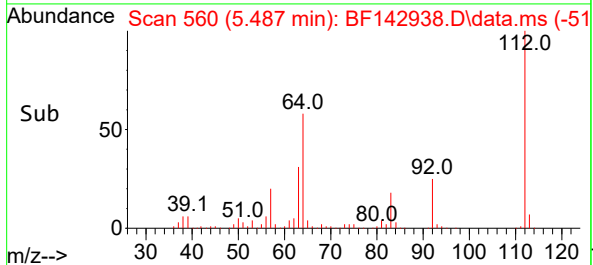
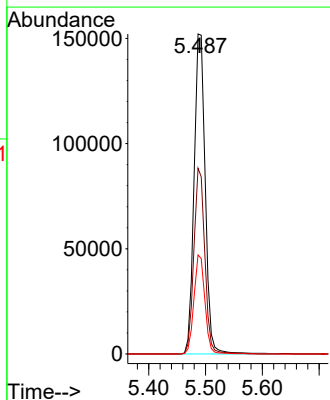
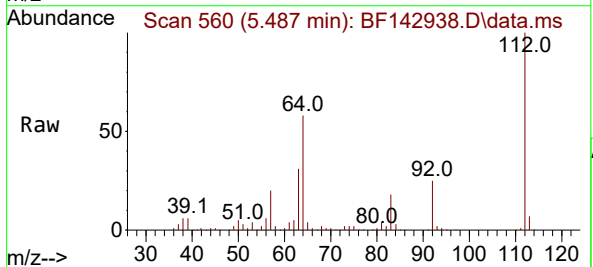
Instrument :
BNA_F
ClientSampleId :
TP-5

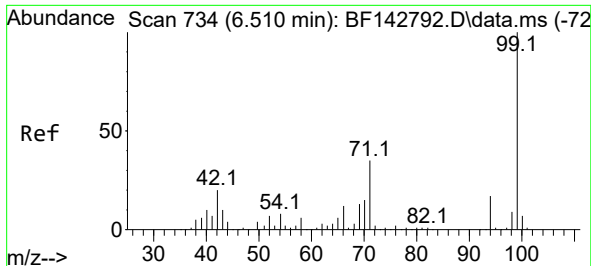
Tgt Ion:152 Resp: 58779
Ion Ratio Lower Upper
152 100
150 152.3 127.2 190.8
115 56.3 46.6 69.8



#5
2-Fluorophenol
Concen: 59.302 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.005 min
Lab File: BF142938.D
Acq: 01 Jul 2025 02:44

Tgt Ion:112 Resp: 209363
Ion Ratio Lower Upper
112 100
64 58.1 48.2 72.2
63 31.0 25.7 38.5

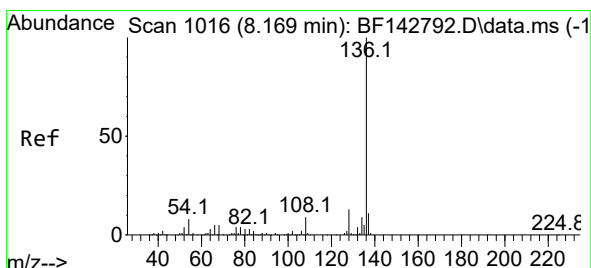
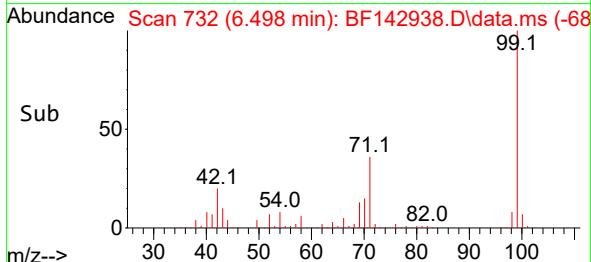
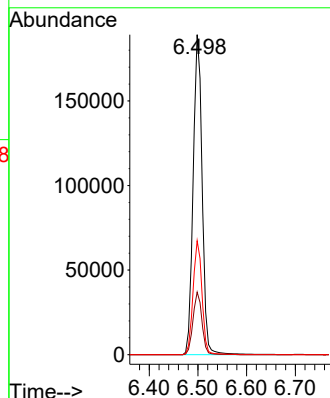
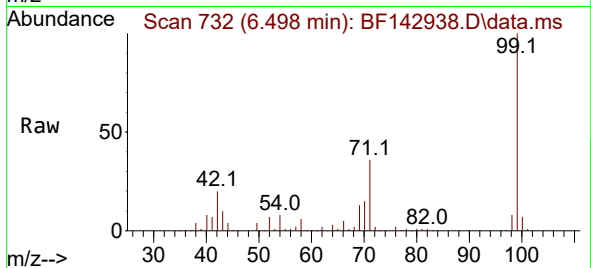




#7
Phenol-d6
Concen: 58.534 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142938.D
Acq: 01 Jul 2025 02:44

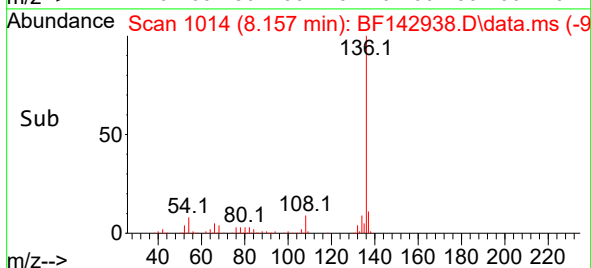
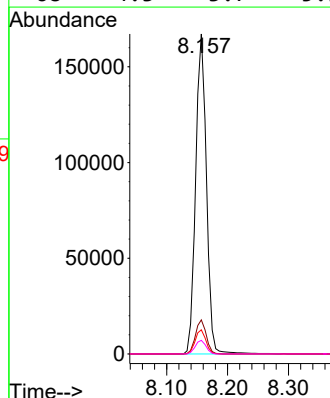
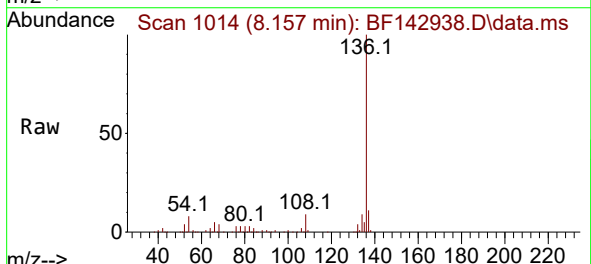
Instrument :
BNA_F
ClientSampleId :
TP-5

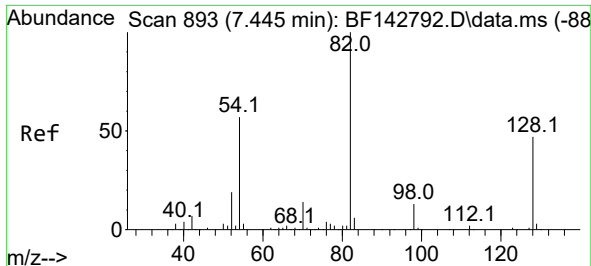
Tgt Ion: 99 Resp: 243808
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.6 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142938.D
Acq: 01 Jul 2025 02:44

Tgt Ion: 136 Resp: 205775
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.5 6.3 9.5
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 37.951 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.011 min

Lab File: BF142938.D

Acq: 01 Jul 2025 02:44

Instrument :

BNA_F

ClientSampleId :

TP-5

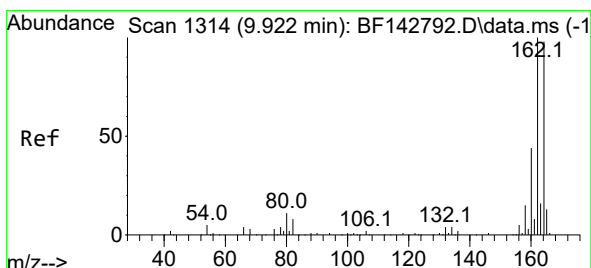
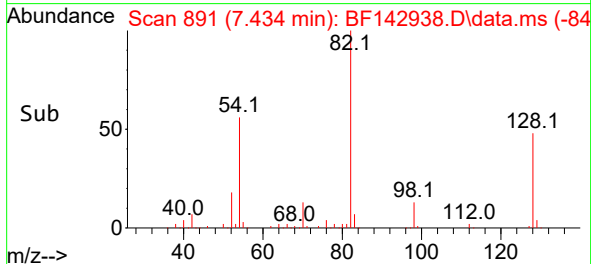
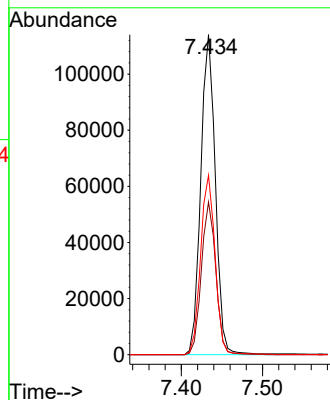
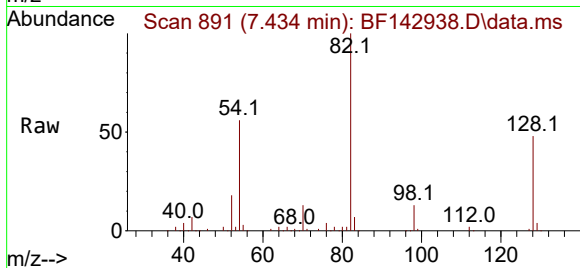
Tgt Ion: 82 Resp: 142375

Ion Ratio Lower Upper

82 100

128 47.7 37.7 56.5

54 56.1 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: BF142938.D

Acq: 01 Jul 2025 02:44

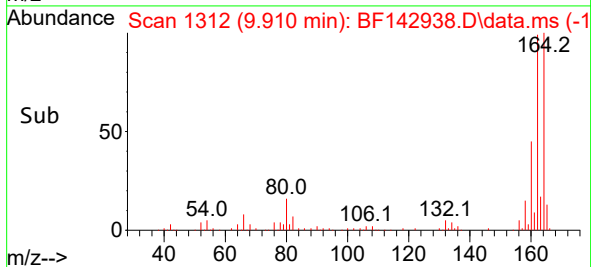
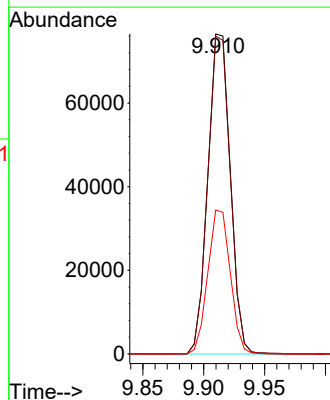
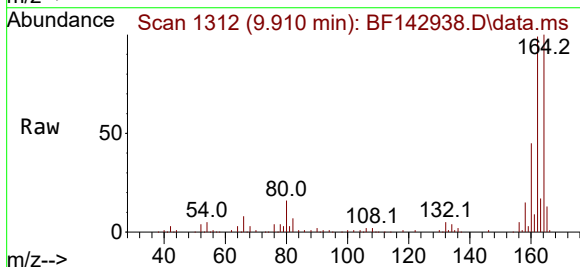
Tgt Ion:164 Resp: 98036

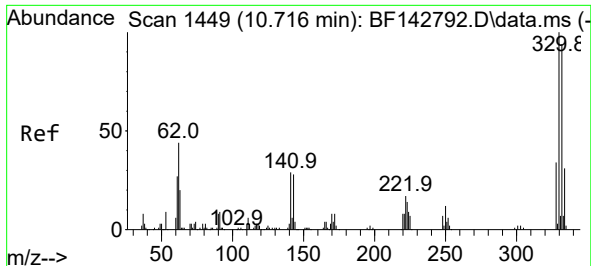
Ion Ratio Lower Upper

164 100

162 99.3 81.8 122.8

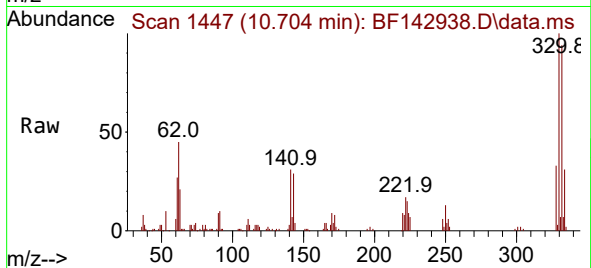
160 45.0 36.0 54.0



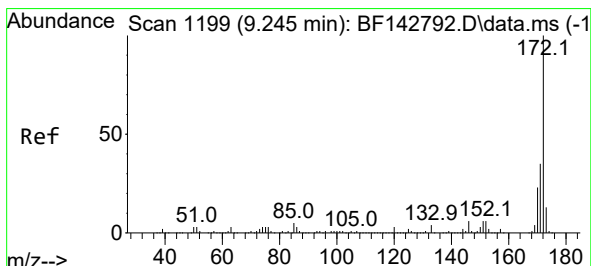
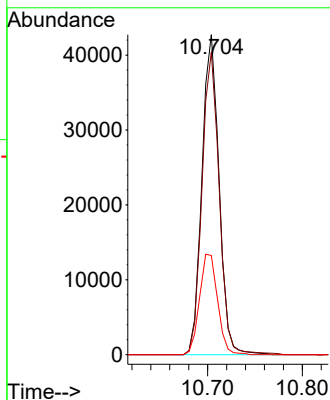
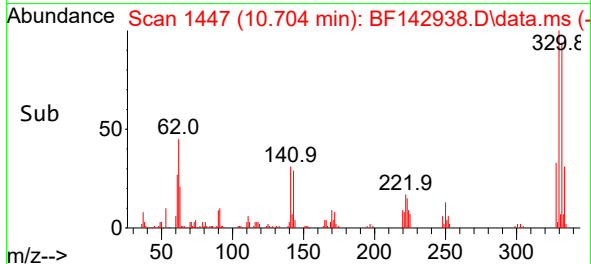


#42
2,4,6-Tribromophenol
Concen: 53.032 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142938.D
Acq: 01 Jul 2025 02:44

Instrument :
BNA_F
ClientSampleId :
TP-5

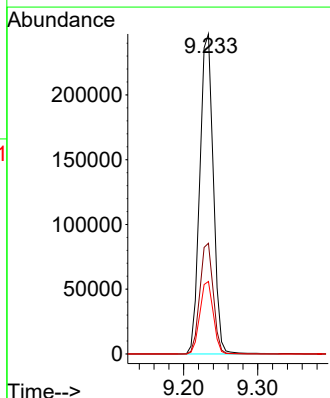
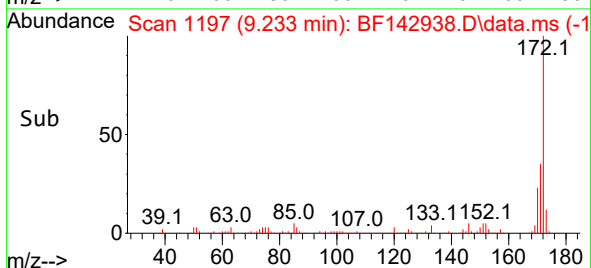
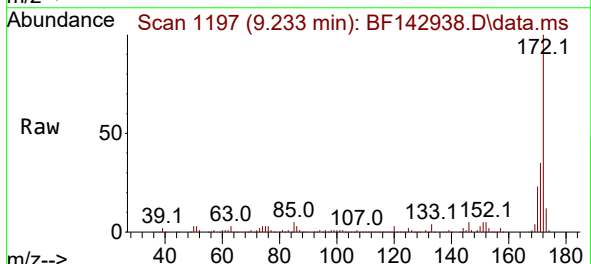


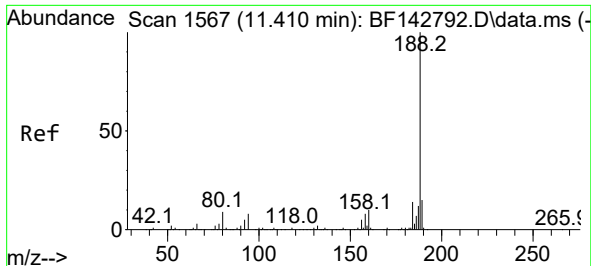
Tgt Ion:330 Resp: 53502
Ion Ratio Lower Upper
330 100
332 95.1 75.0 112.6
141 33.1 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 41.875 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142938.D
Acq: 01 Jul 2025 02:44

Tgt Ion:172 Resp: 312500
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.4
170 22.7 18.5 27.7

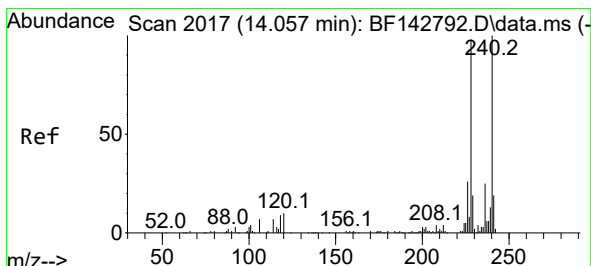
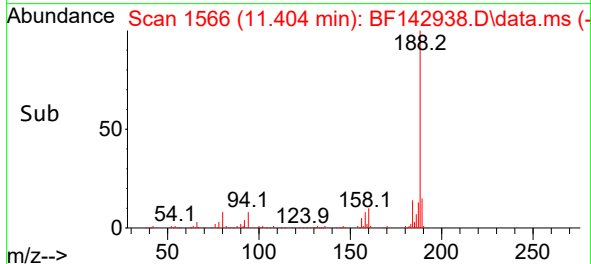
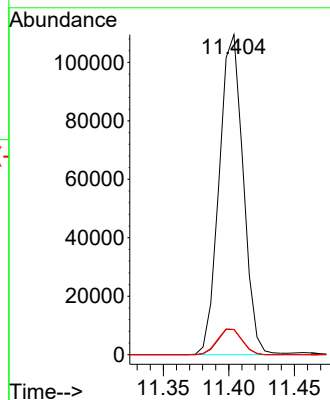
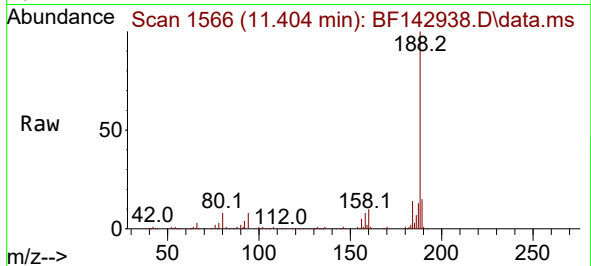




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142938.D
Acq: 01 Jul 2025 02:44

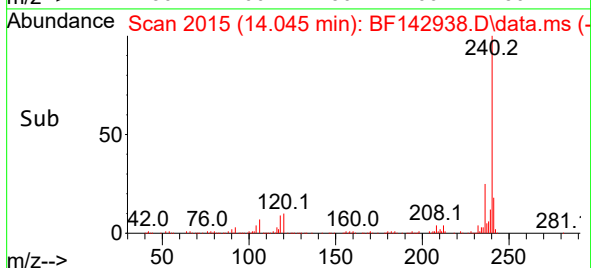
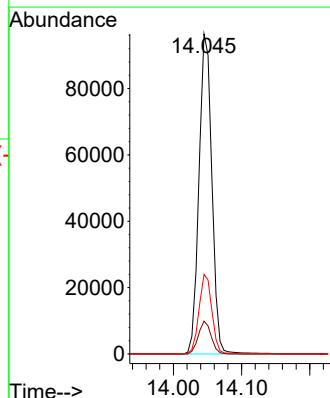
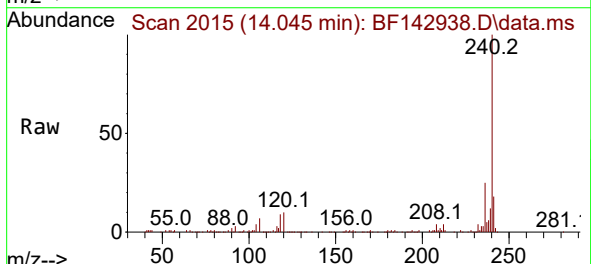
Instrument :
BNA_F
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TP-5

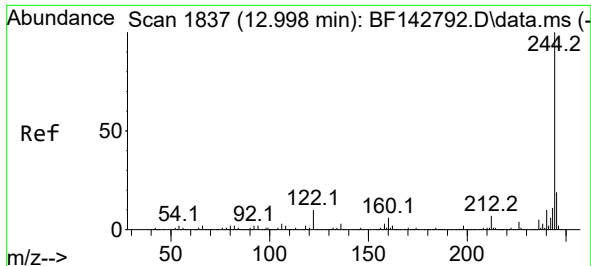
Tgt Ion:188 Resp: 139342
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 7.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF142938.D
Acq: 01 Jul 2025 02:44

Tgt Ion:240 Resp: 126752
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 24.8 19.8 29.8

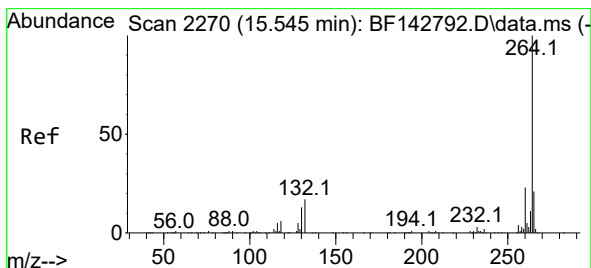
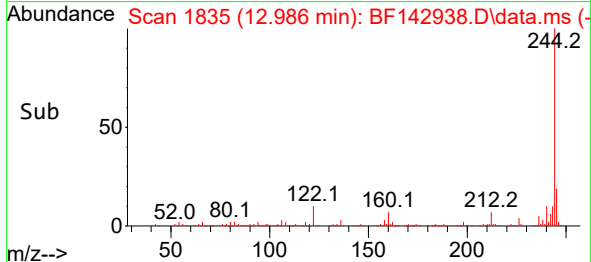
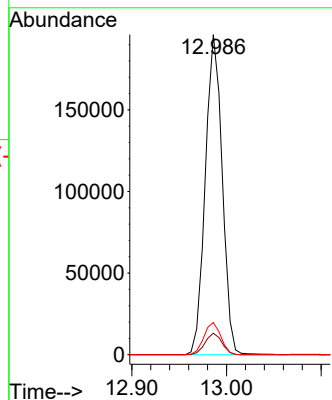
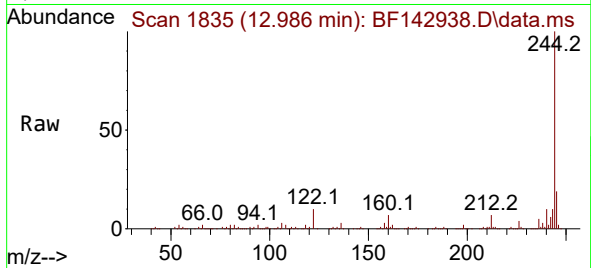




#79
 Terphenyl-d14
 Concen: 26.513 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF142938.D
 Acq: 01 Jul 2025 02:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 243224
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.0 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: BF142938.D
 Acq: 01 Jul 2025 02:44

Tgt Ion:264 Resp: 132621
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.1 27.1
 265 21.4 16.6 25.0

