

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142933.D
 Acq On : 01 Jul 2025 00:15
 Operator : RC/JU
 Sample : Q2436-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-85

Quant Time: Jul 01 03:00:57 2025
 Quant Title :
 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	65146	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	228866	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	111359	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	163727	20.000	ng	0.00
76) Chrysene-d12	14.045	240	141022	20.000	ng	-0.01
86) Perylene-d12	15.539	264	150265	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	325764	83.255	ng	0.00
7) Phenol-d6	6.504	99	381167	82.568	ng	0.00
23) Nitrobenzene-d5	7.434	82	230822	55.320	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	87176	76.072	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	450378	53.130	ng	-0.01
79) Terphenyl-d14	12.986	244	352085	34.496	ng	-0.01

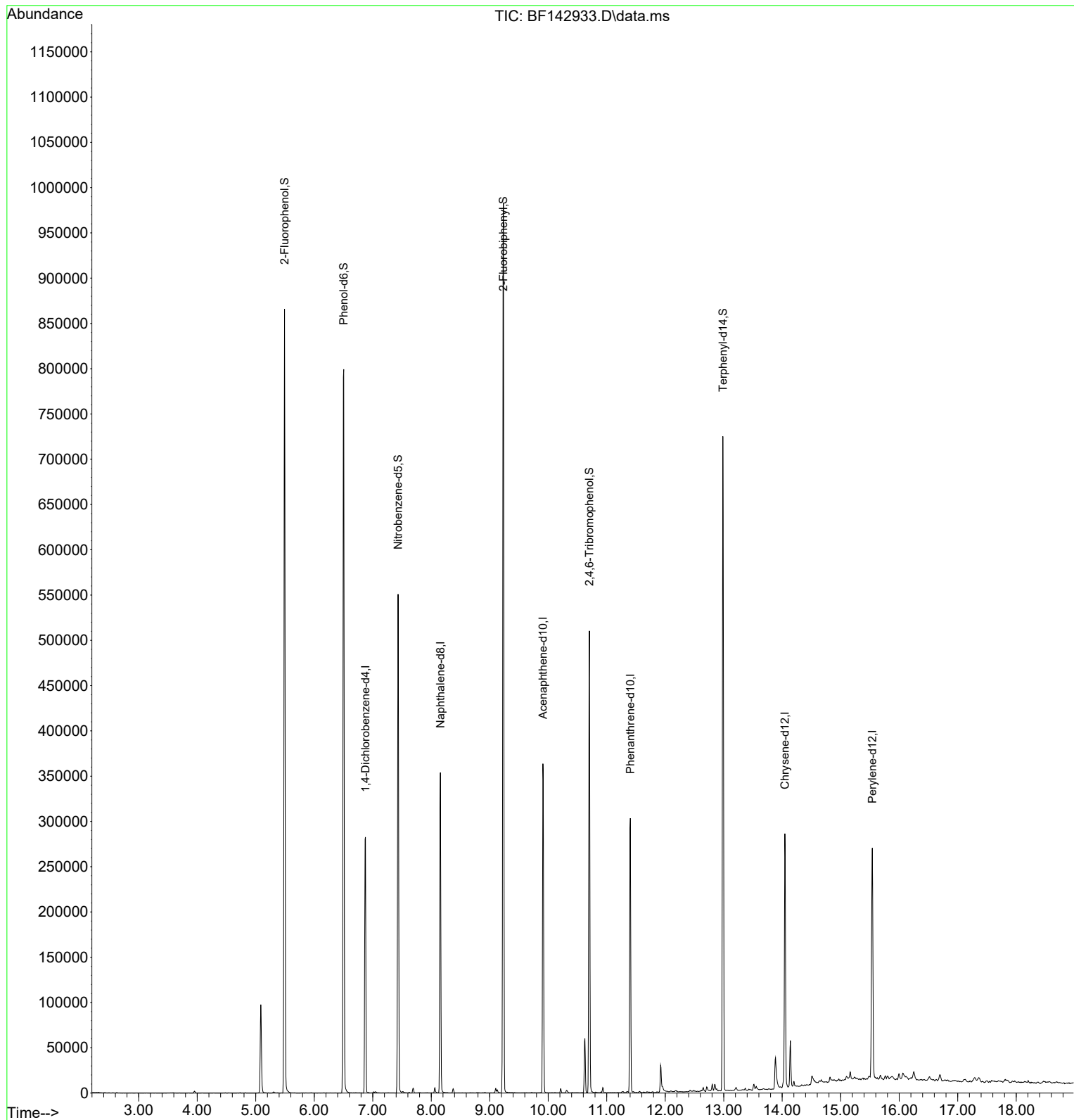
Target Compounds	Qvalue

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

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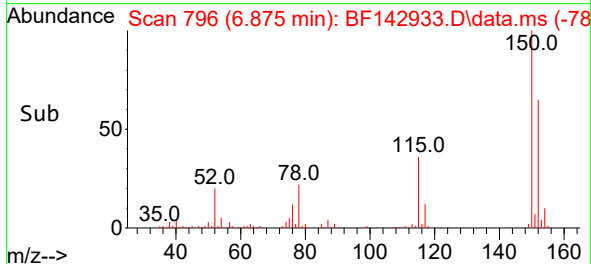
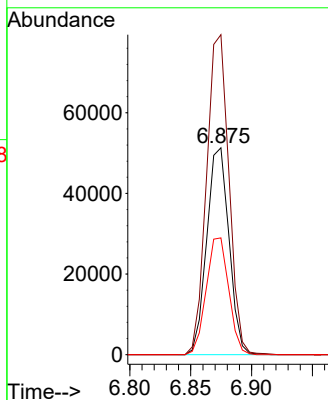
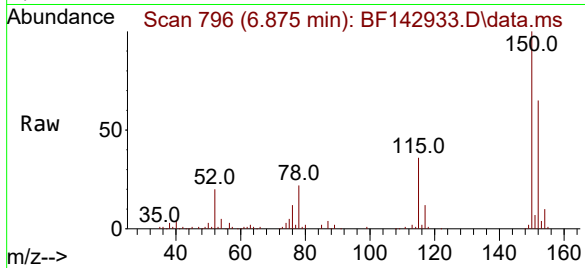




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142933.D
 Acq: 01 Jul 2025 00:15

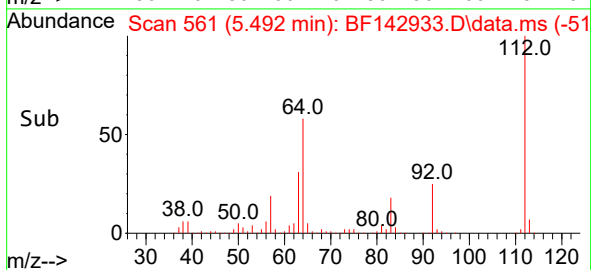
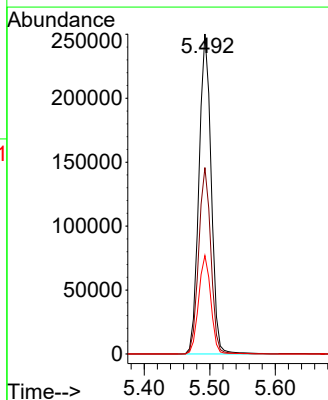
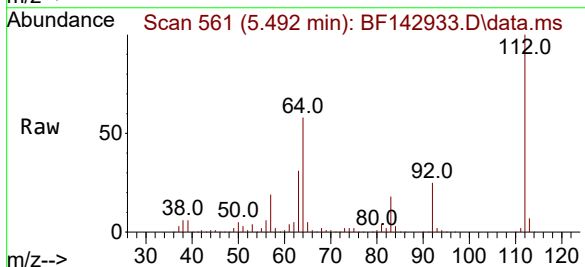
Instrument :
 BNA_F
 ClientSampleId :
 TP-85

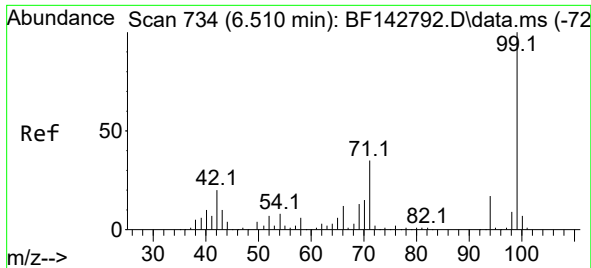
Tgt Ion:152 Resp: 65146
 Ion Ratio Lower Upper
 152 100
 150 154.7 127.2 190.8
 115 56.4 46.6 69.8



#5
 2-Fluorophenol
 Concen: 83.255 ng
 RT: 5.492 min Scan# 561
 Delta R.T. 0.000 min
 Lab File: BF142933.D
 Acq: 01 Jul 2025 00:15

Tgt Ion:112 Resp: 325764
 Ion Ratio Lower Upper
 112 100
 64 58.3 48.2 72.2
 63 30.8 25.7 38.5

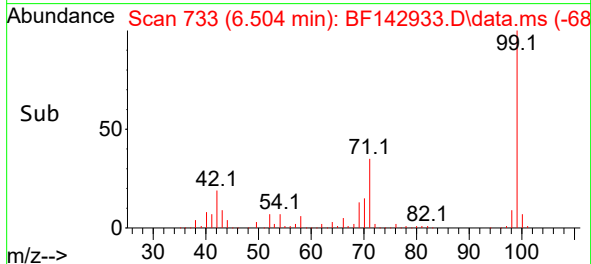
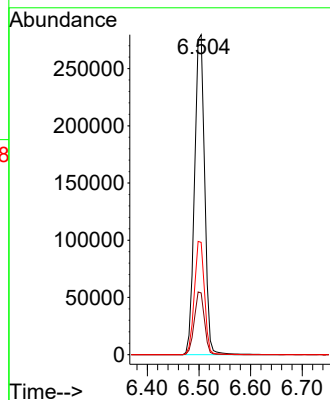
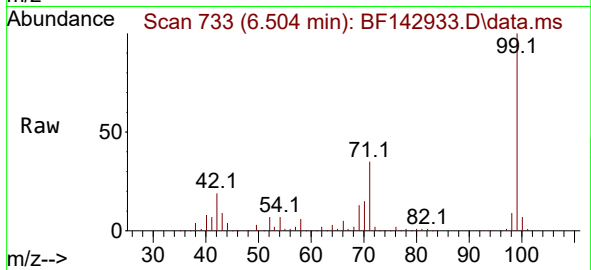




#7
Phenol-d6
Concen: 82.568 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142933.D
Acq: 01 Jul 2025 00:15

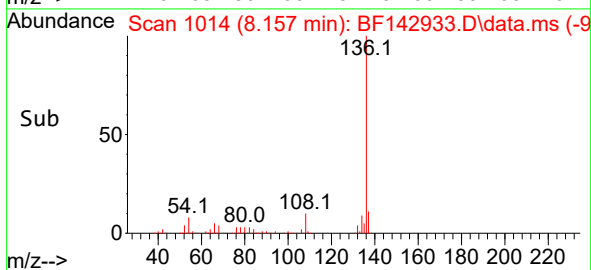
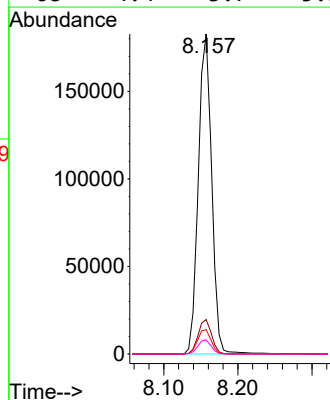
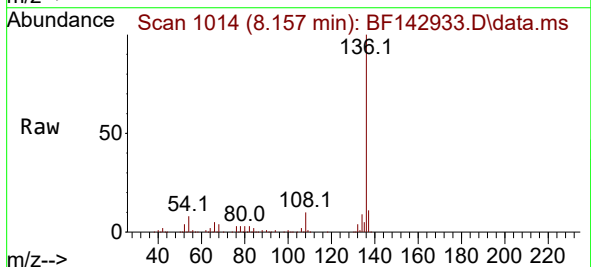
Instrument :
BNA_F
ClientSampleId :
TP-85

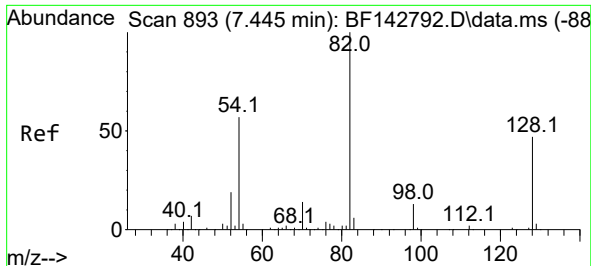
Tgt Ion: 99 Resp: 381167
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 35.1 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142933.D
Acq: 01 Jul 2025 00:15

Tgt Ion: 136 Resp: 228866
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.6 6.3 9.5
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 55.320 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.011 min

Lab File: BF142933.D

Acq: 01 Jul 2025 00:15

Instrument :

BNA_F

ClientSampleId :

TP-85

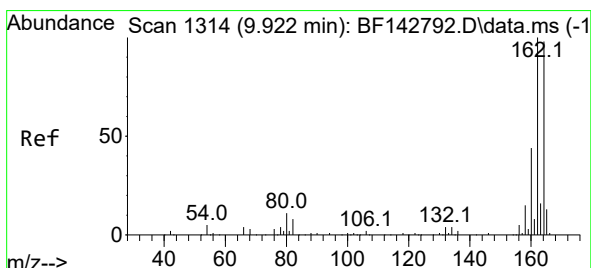
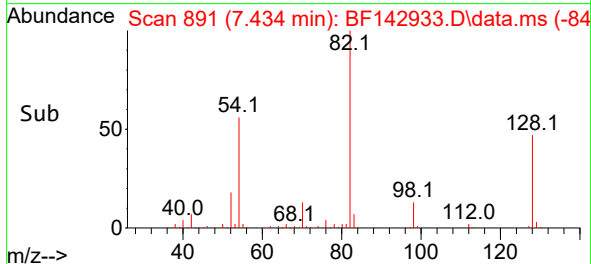
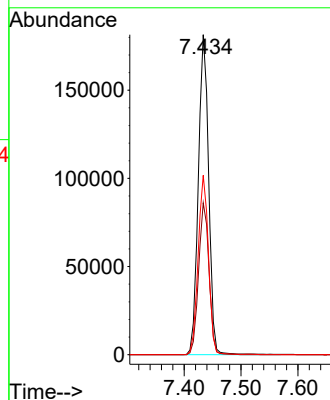
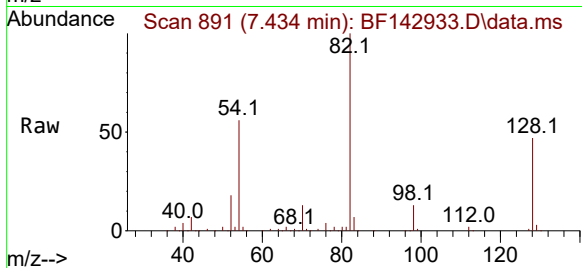
Tgt Ion: 82 Resp: 230822

Ion Ratio Lower Upper

82 100

128 47.5 37.7 56.5

54 56.0 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: BF142933.D

Acq: 01 Jul 2025 00:15

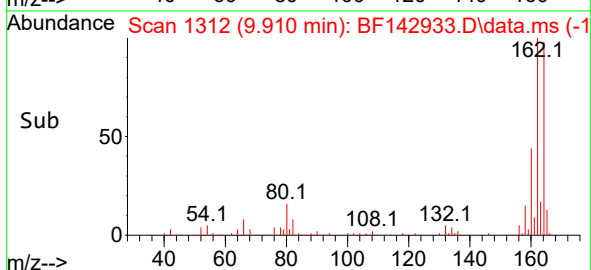
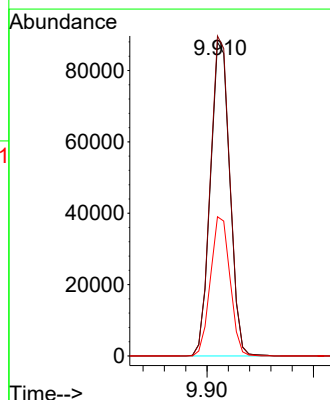
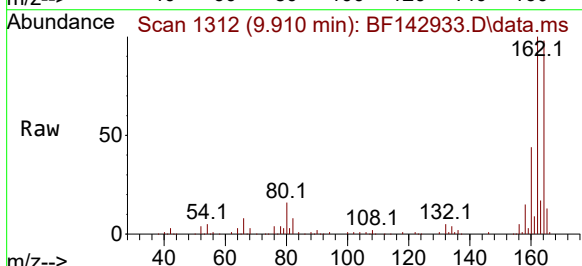
Tgt Ion:164 Resp: 111359

Ion Ratio Lower Upper

164 100

162 102.0 81.8 122.8

160 44.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 76.072 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF142933.D

Acq: 01 Jul 2025 00:15

Instrument :

BNA_F

ClientSampleId :

TP-85

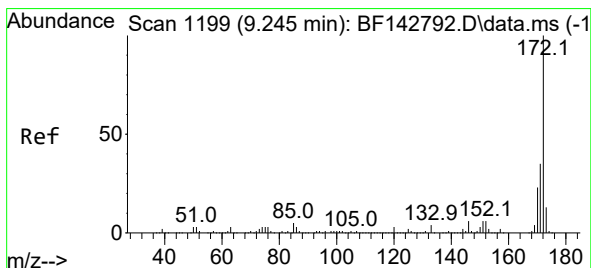
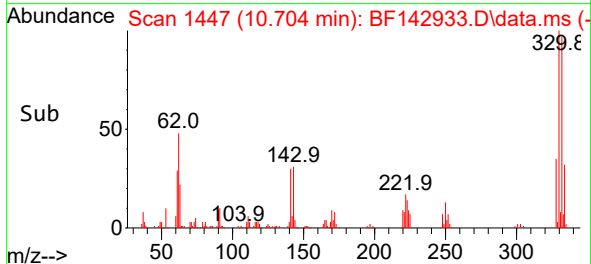
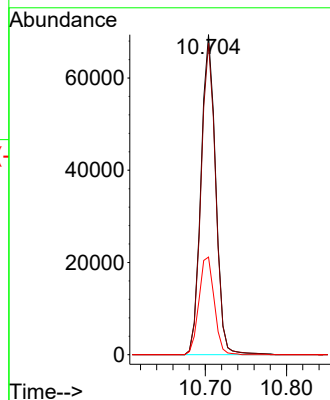
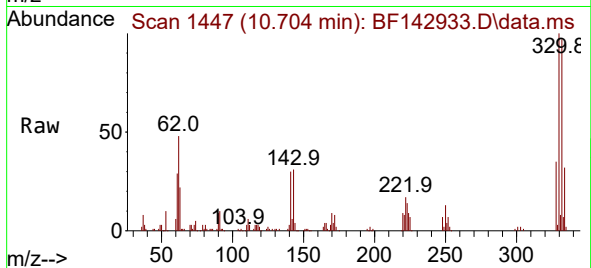
Tgt Ion:330 Resp: 87176

Ion Ratio Lower Upper

330 100

332 97.0 75.0 112.6

141 31.8 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 53.130 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF142933.D

Acq: 01 Jul 2025 00:15

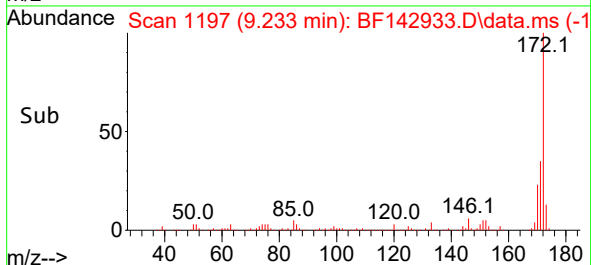
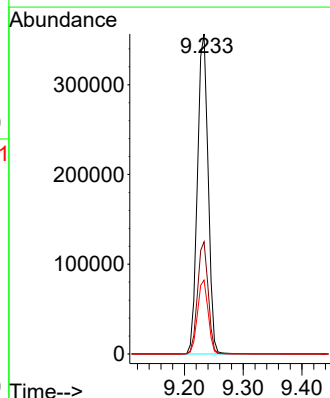
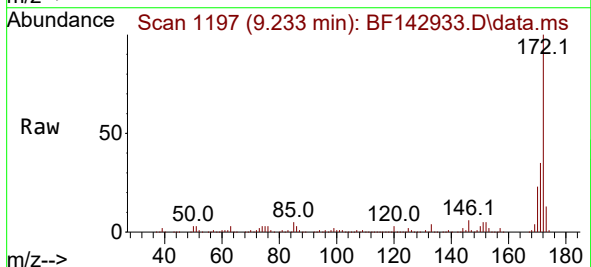
Tgt Ion:172 Resp: 450378

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.1 18.5 27.7

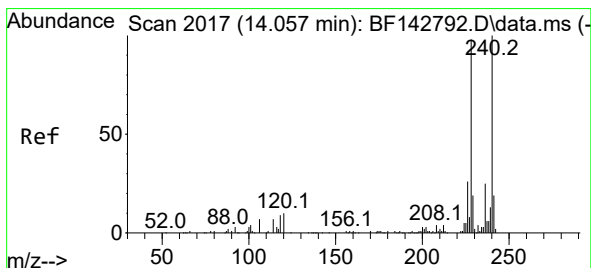
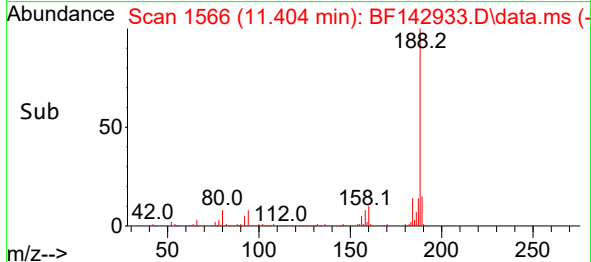
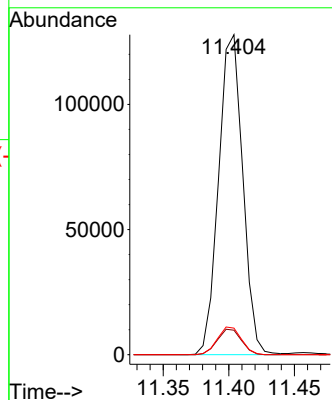
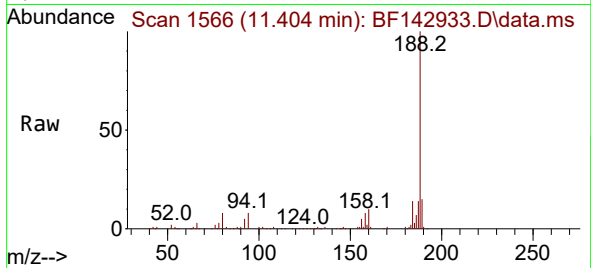




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142933.D
Acq: 01 Jul 2025 00:15

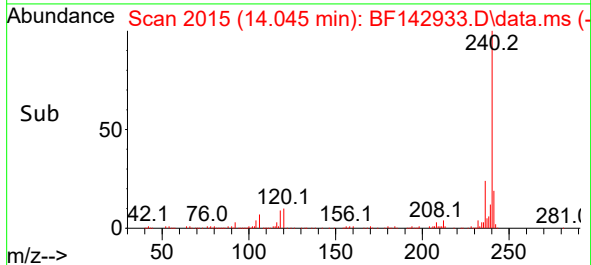
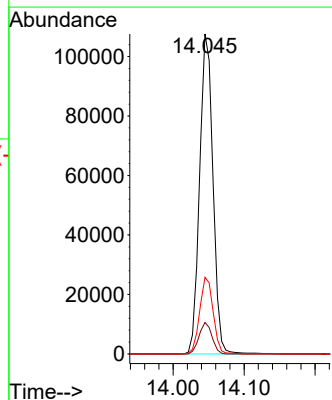
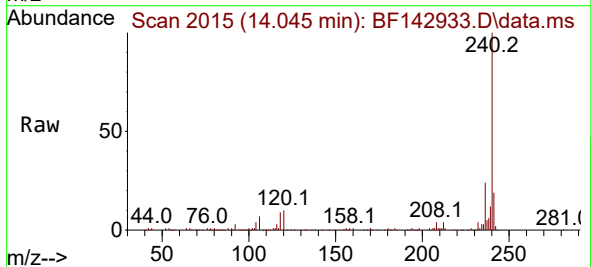
Instrument :
BNA_F
ClientSampleId :
TP-85

Tgt Ion:188 Resp: 163727
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.3 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: BF142933.D
Acq: 01 Jul 2025 00:15

Tgt Ion:240 Resp: 141022
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 23.9 19.8 29.8

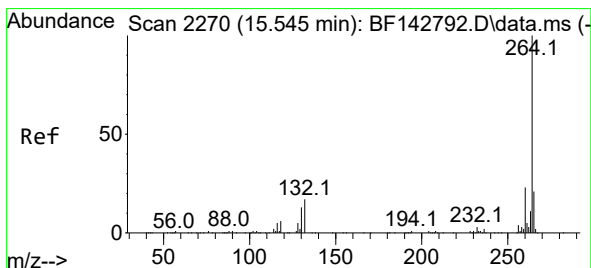
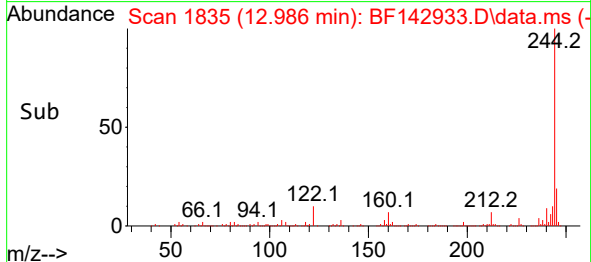
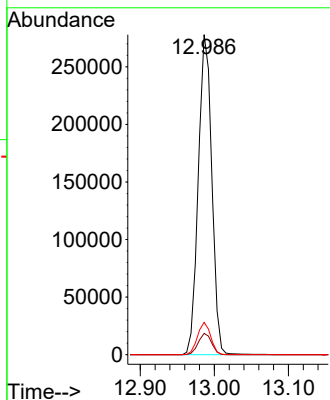
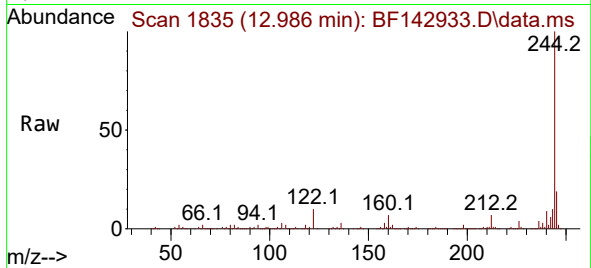




#79
 Terphenyl-d14
 Concen: 34.496 ng
 RT: 12.986 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF142933.D
 Acq: 01 Jul 2025 00:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-85

Tgt Ion:244 Resp: 352085
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.1 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: BF142933.D
 Acq: 01 Jul 2025 00:15

Tgt Ion:264 Resp: 150265
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.1 27.1
 265 21.5 16.6 25.0

