

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142890.D
 Acq On : 27 Jun 2025 13:48
 Operator : RC/JU
 Sample : Q2413-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-77

Quant Time: Jun 27 14:13:24 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)

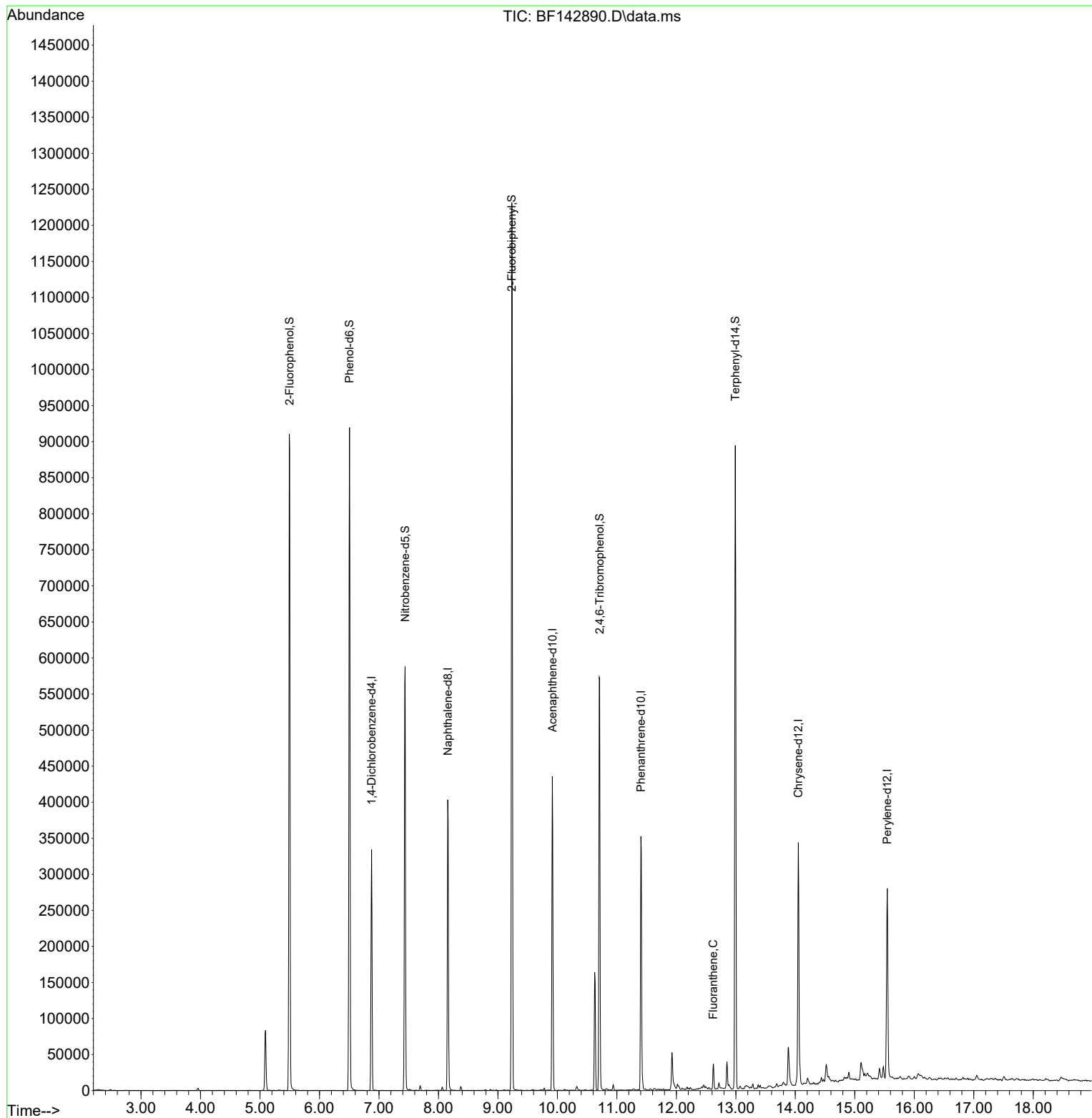
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	71725	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	266677	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	131150	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	189644	20.000	ng	0.00
76) Chrysene-d12	14.051	240	153845	20.000	ng	0.00
86) Perylene-d12	15.545	264	153297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	357655	83.021	ng	0.00
7) Phenol-d6	6.504	99	421280	82.887	ng	0.00
23) Nitrobenzene-d5	7.440	82	255919	52.638	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	99559	73.768	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	550592	55.150	ng	-0.01
79) Terphenyl-d14	12.992	244	426892	38.340	ng	0.00
Target Compounds						
75) Fluoranthene	12.622	202	20300	2.082	ng	Qvalue 100

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

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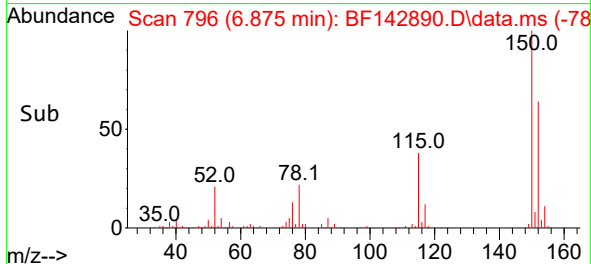
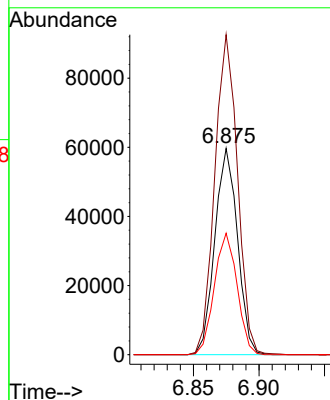
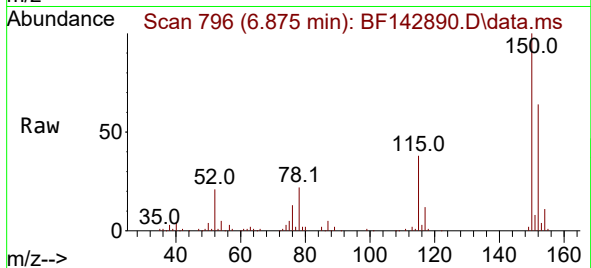




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142890.D
Acq: 27 Jun 2025 13:48

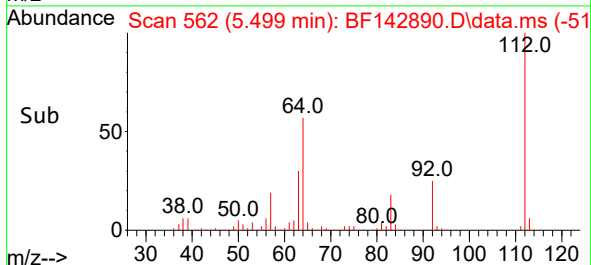
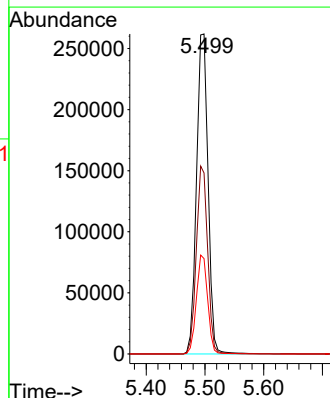
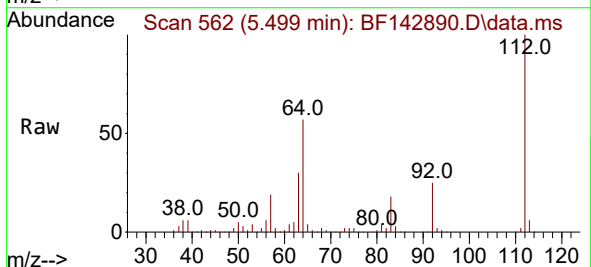
Instrument :
BNA_F
ClientSampleId :
TP-77

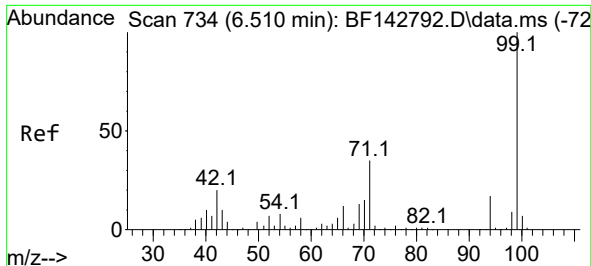
Tgt Ion:152 Resp: 71725
Ion Ratio Lower Upper
152 100
150 155.1 127.2 190.8
115 58.8 46.6 69.8



#5
2-Fluorophenol
Concen: 83.021 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.007 min
Lab File: BF142890.D
Acq: 27 Jun 2025 13:48

Tgt Ion:112 Resp: 357655
Ion Ratio Lower Upper
112 100
64 56.5 48.2 72.2
63 29.8 25.7 38.5

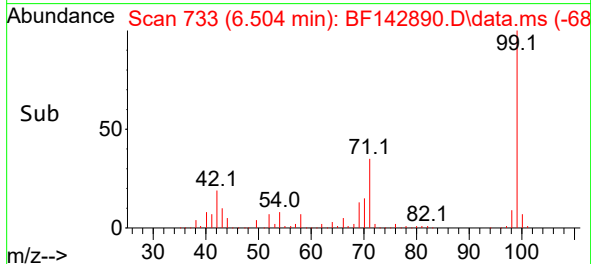
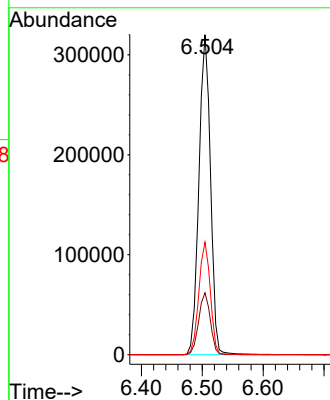
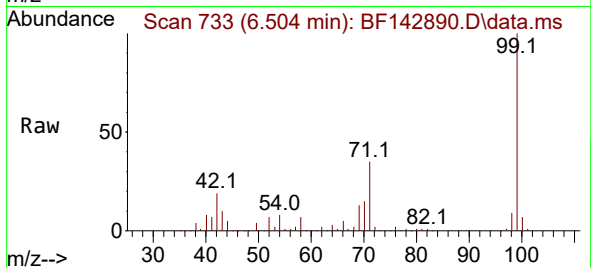




#7
Phenol-d6
Concen: 82.887 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142890.D
Acq: 27 Jun 2025 13:48

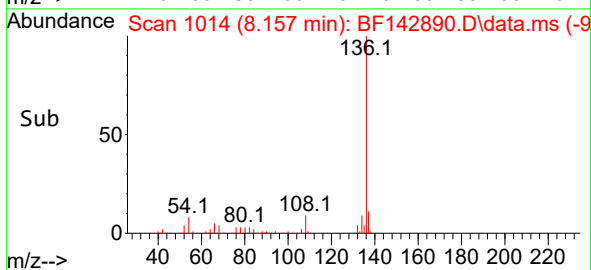
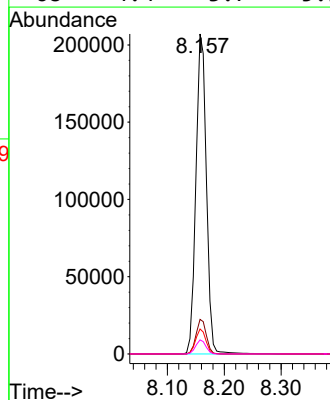
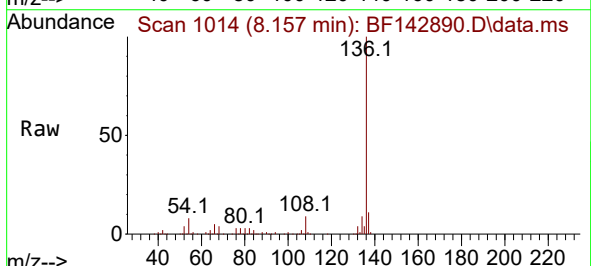
Instrument :
BNA_F
ClientSampleId :
TP-77

Tgt Ion: 99 Resp: 421280
Ion Ratio Lower Upper
99 100
42 19.4 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: BF142890.D
Acq: 27 Jun 2025 13:48

Tgt Ion: 136 Resp: 266677
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.8 6.3 9.5
68 4.4 3.7 5.5

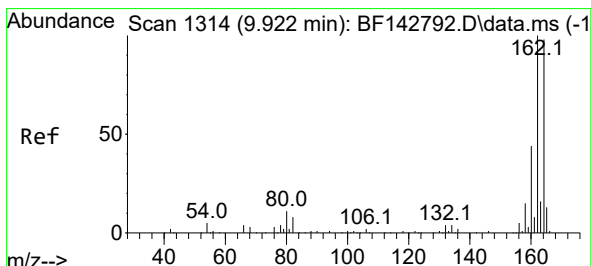
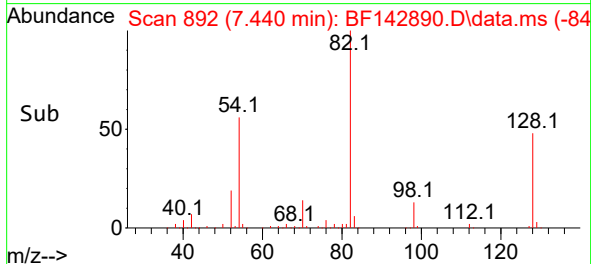
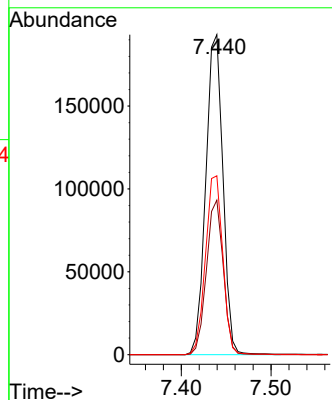
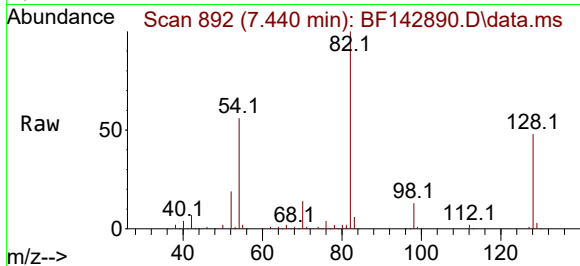




#23
 Nitrobenzene-d5
 Concen: 52.638 ng
 RT: 7.440 min Scan# 89
 Delta R.T. -0.005 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

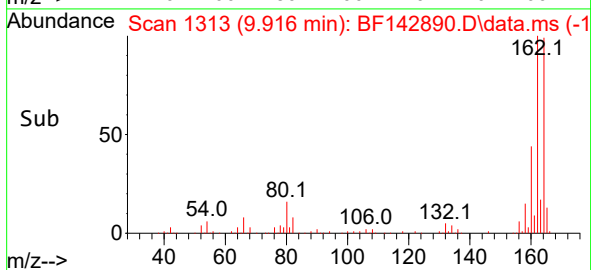
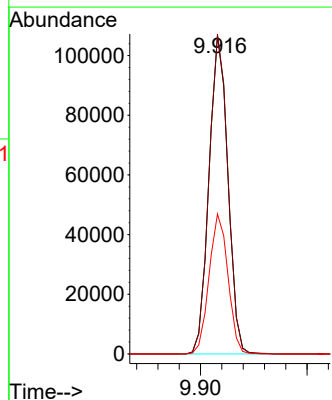
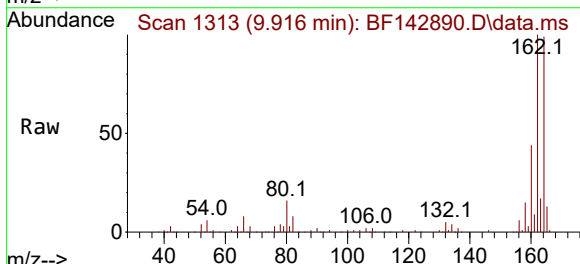
Instrument :
 BNA_F
 ClientSampleId :
 TP-77

Tgt Ion: 82 Resp: 255919
 Ion Ratio Lower Upper
 82 100
 128 48.3 37.7 56.5
 54 55.9 45.7 68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1313
 Delta R.T. -0.006 min
 Lab File: BF142890.D
 Acq: 27 Jun 2025 13:48

Tgt Ion:164 Resp: 131150
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.8 122.8
 160 44.0 36.0 54.0

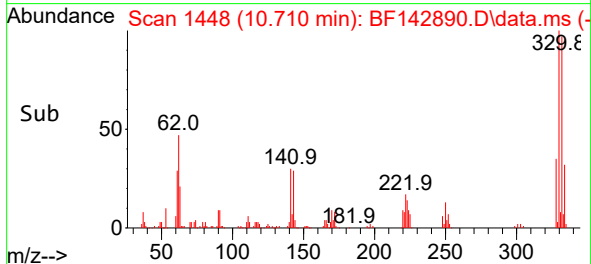
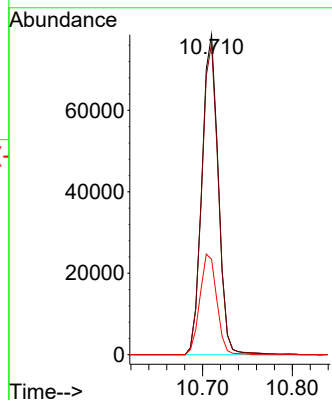
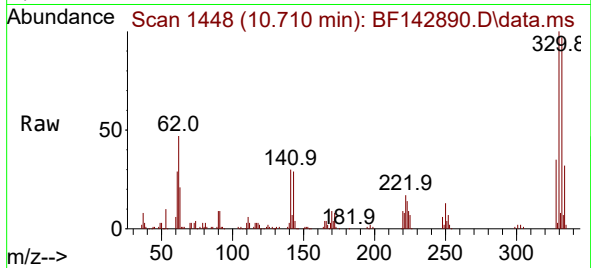




#42
2,4,6-Tribromophenol
Concen: 73.768 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142890.D
Acq: 27 Jun 2025 13:48

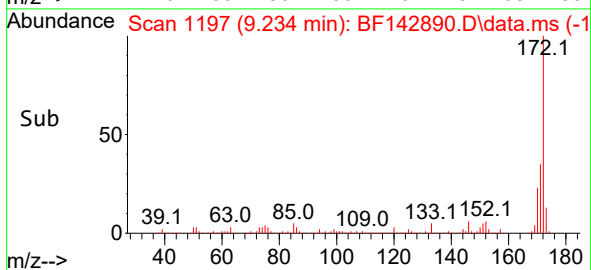
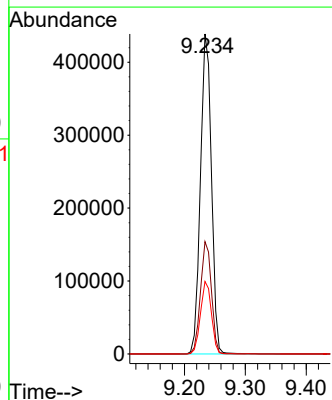
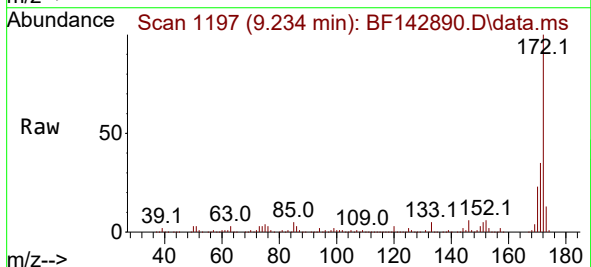
Instrument :
BNA_F
ClientSampleId :
TP-77

Tgt Ion:330 Resp: 99559
Ion Ratio Lower Upper
330 100
332 98.1 75.0 112.6
141 32.4 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 55.150 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BF142890.D
Acq: 27 Jun 2025 13:48

Tgt Ion:172 Resp: 550592
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 22.6 18.5 27.7

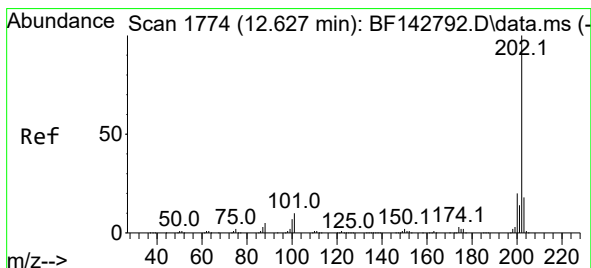
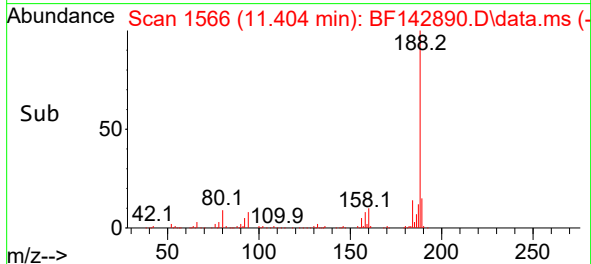
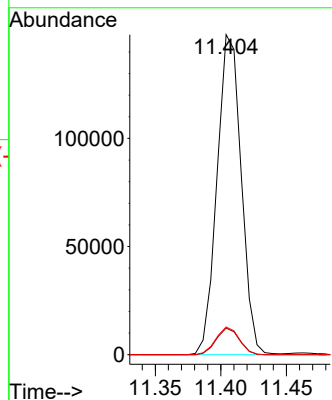
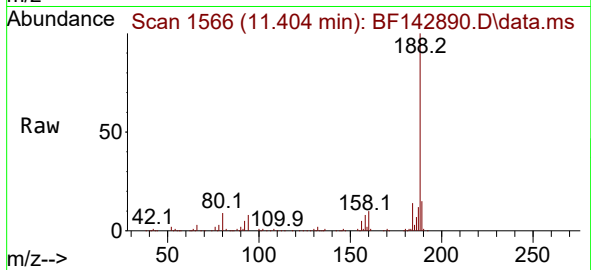




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142890.D
Acq: 27 Jun 2025 13:48

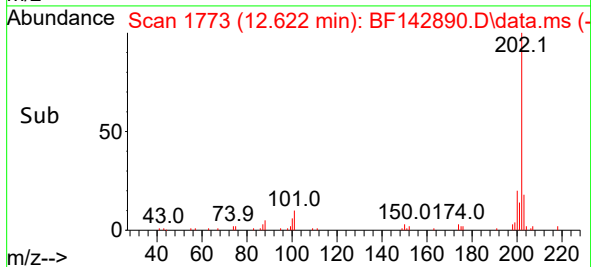
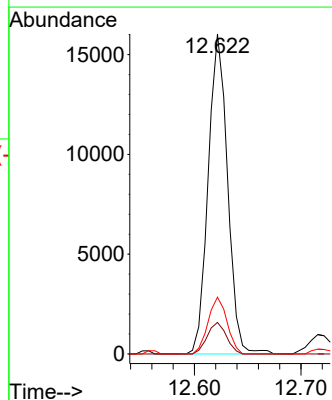
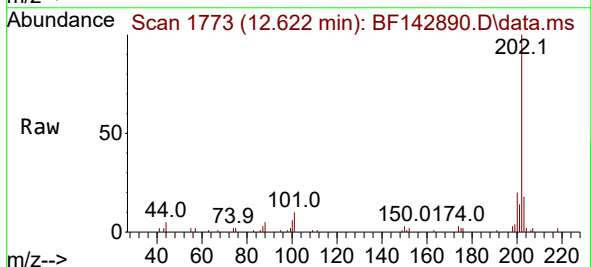
Instrument :
BNA_F
ClientSampleId :
TP-77

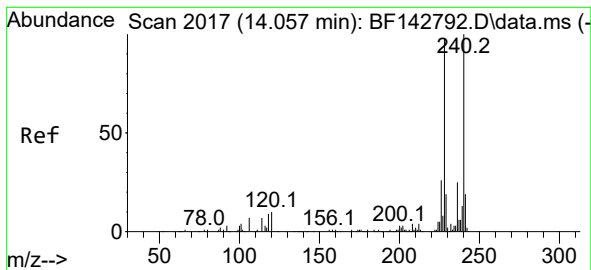
Tgt Ion:188 Resp: 189644
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.6 6.9 10.3



#75
Fluoranthene
Concen: 2.082 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF142890.D
Acq: 27 Jun 2025 13:48

Tgt Ion:202 Resp: 20300
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.7
203 17.7 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142890.D

Acq: 27 Jun 2025 13:48

Instrument :

BNA_F

ClientSampleId :

TP-77

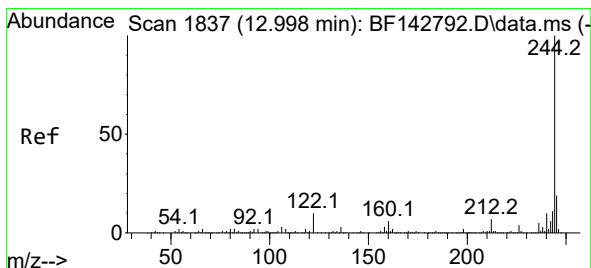
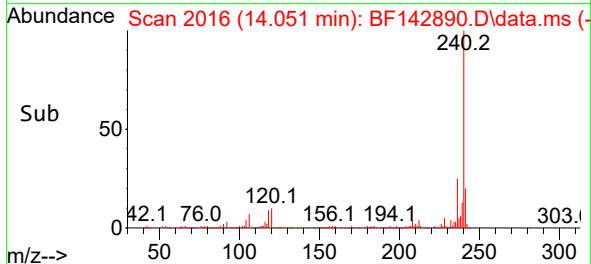
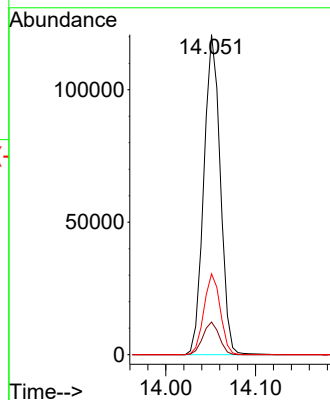
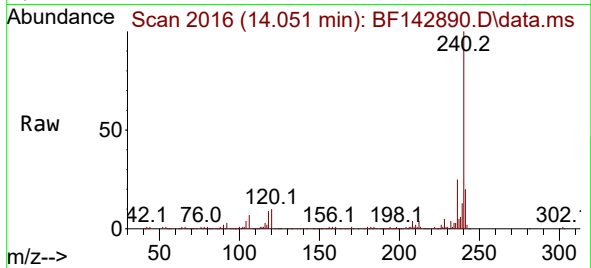
Tgt Ion:240 Resp: 153845

Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.2

236 25.3 19.8 29.8



#79

Terphenyl-d14

Concen: 38.340 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF142890.D

Acq: 27 Jun 2025 13:48

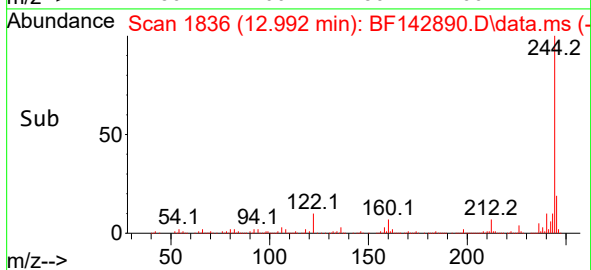
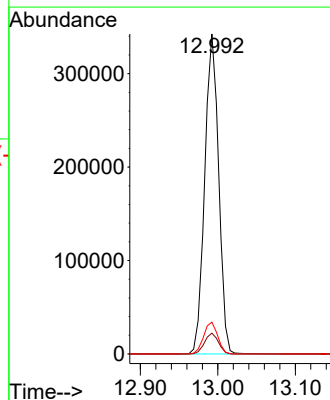
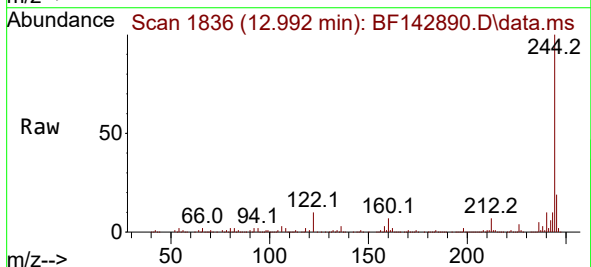
Tgt Ion:244 Resp: 426892

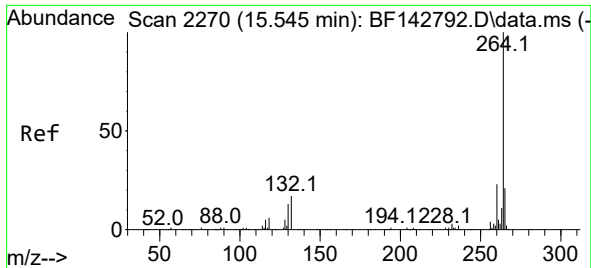
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

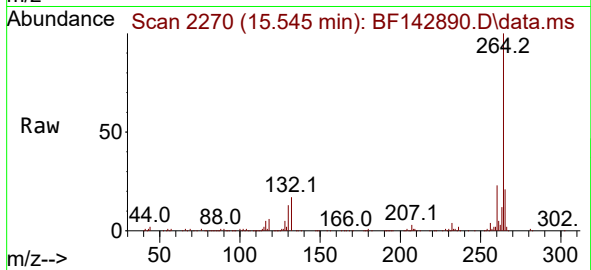
122 9.9 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142890.D
Acq: 27 Jun 2025 13:48

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 153297
Ion Ratio Lower Upper
264 100
260 23.0 18.1 27.1
265 21.2 16.6 25.0

