

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142932.D
 Acq On : 30 Jun 2025 23:45
 Operator : RC/JU
 Sample : Q2436-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-69

Quant Time: Jul 01 01:26:20 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	85276	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	304409	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	144216	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	213538	20.000	ng	0.00
76) Chrysene-d12	14.045	240	178308	20.000	ng	-0.01
86) Perylene-d12	15.539	264	202825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	351870	68.699	ng	0.00
7) Phenol-d6	6.504	99	406914	67.338	ng	0.00
23) Nitrobenzene-d5	7.434	82	244868	44.122	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	96625	65.108	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	482311	43.934	ng	-0.01
79) Terphenyl-d14	12.986	244	387256	30.008	ng	-0.01

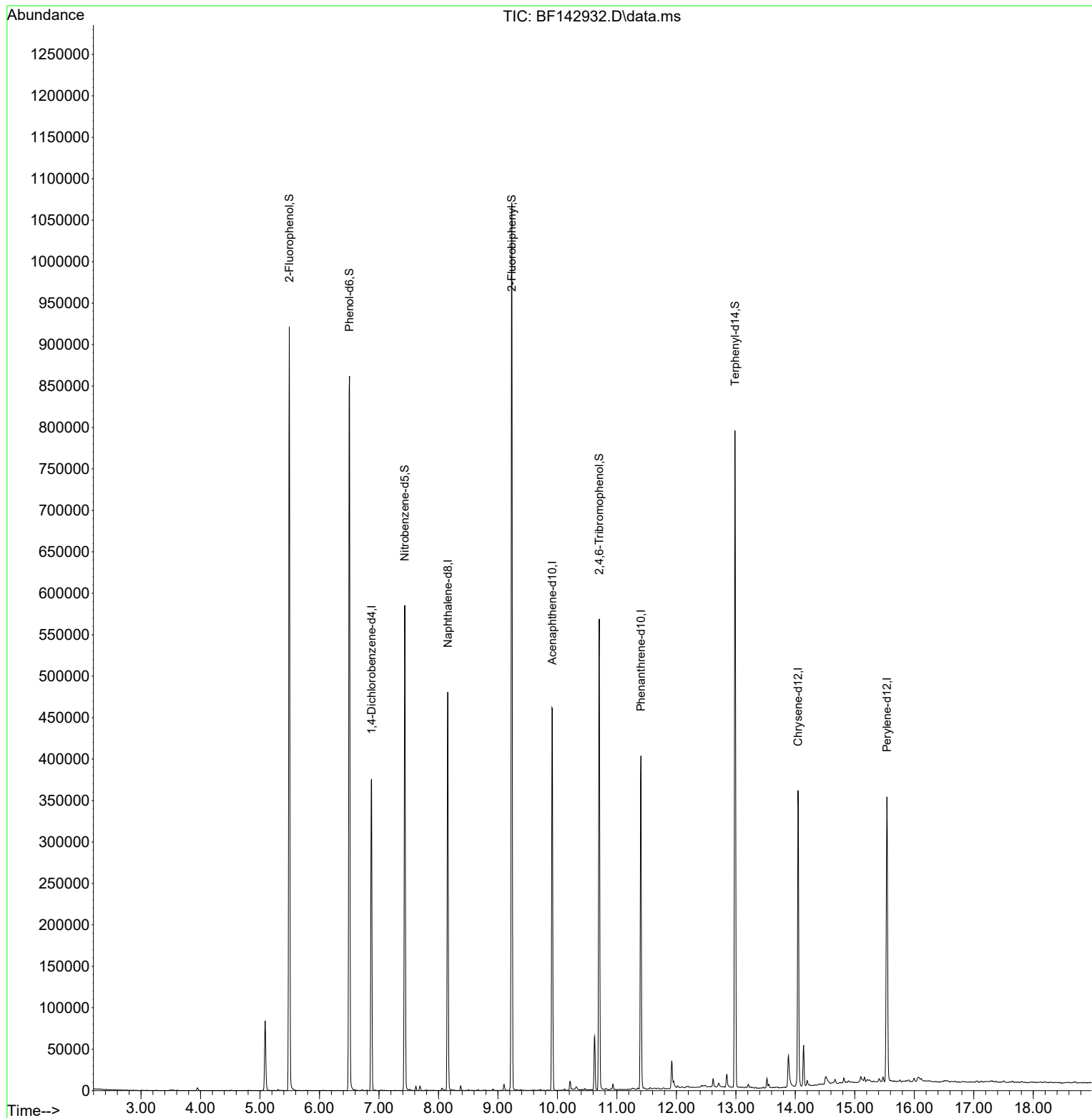
Target Compounds	Qvalue

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

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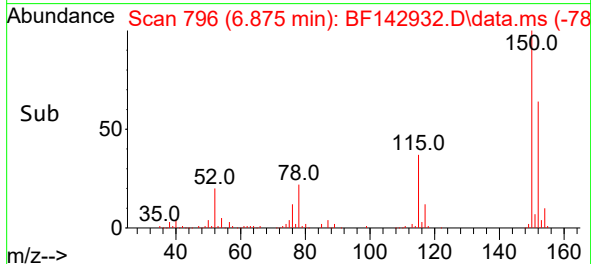
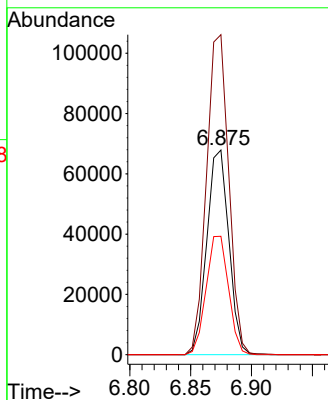
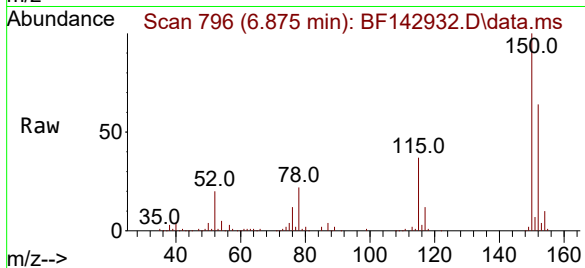




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142932.D
Acq: 30 Jun 2025 23:45

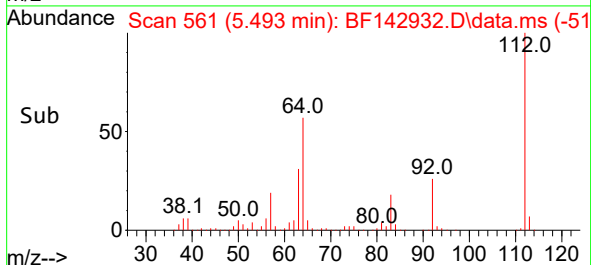
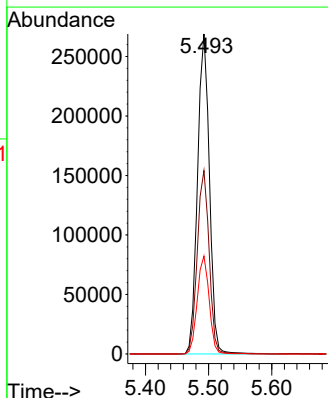
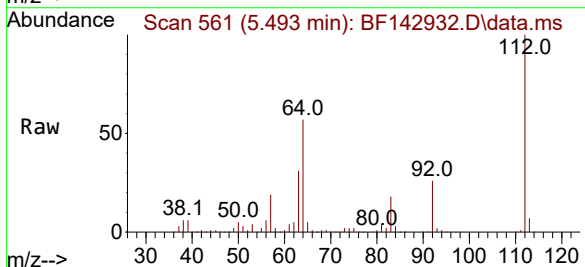
Instrument :
BNA_F
ClientSampleId :
TP-69

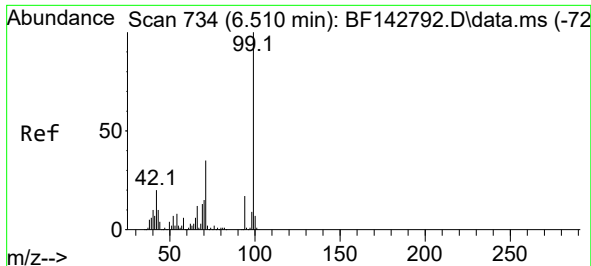
Tgt Ion:152 Resp: 85276
Ion Ratio Lower Upper
152 100
150 156.4 127.2 190.8
115 57.9 46.6 69.8



#5
2-Fluorophenol
Concen: 68.699 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142932.D
Acq: 30 Jun 2025 23:45

Tgt Ion:112 Resp: 351870
Ion Ratio Lower Upper
112 100
64 57.3 48.2 72.2
63 30.6 25.7 38.5

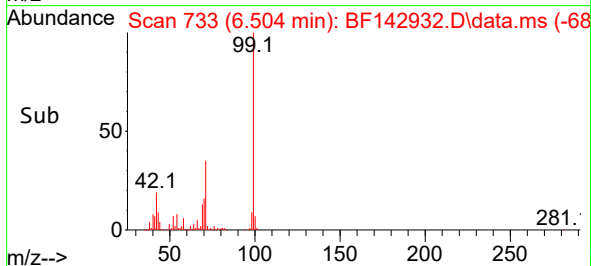
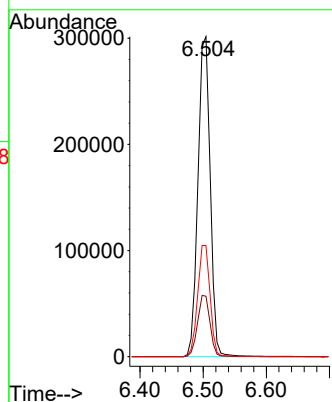
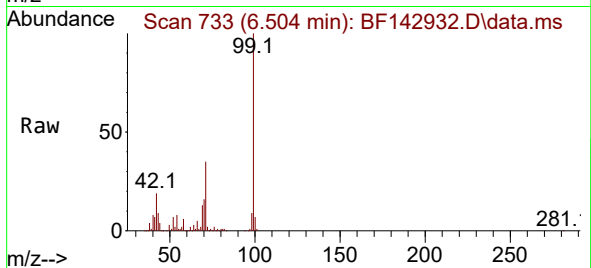




#7
Phenol-d6
Concen: 67.338 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142932.D
Acq: 30 Jun 2025 23:45

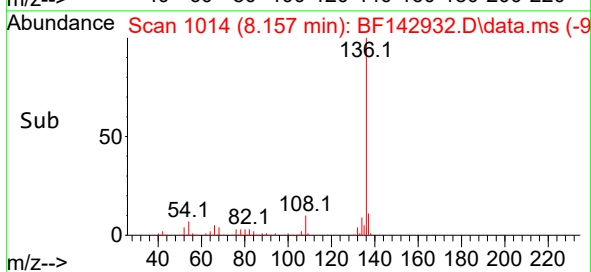
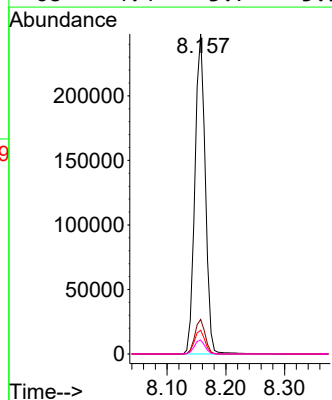
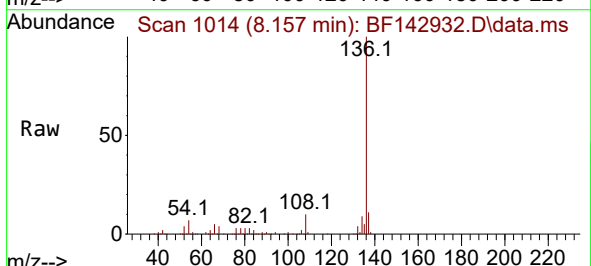
Instrument :
BNA_F
ClientSampleId :
TP-69

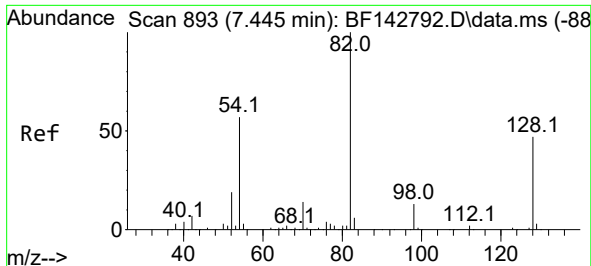
Tgt Ion: 99 Resp: 406914
Ion Ratio Lower Upper
99 100
42 18.9 15.9 23.9
71 34.8 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142932.D
Acq: 30 Jun 2025 23:45

Tgt Ion: 136 Resp: 304409
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.4 6.3 9.5
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 44.122 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF142932.D

Acq: 30 Jun 2025 23:45

Instrument :

BNA_F

ClientSampleId :

TP-69

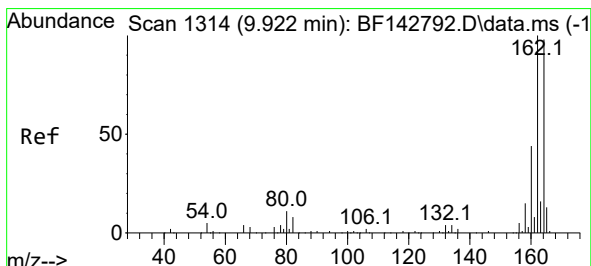
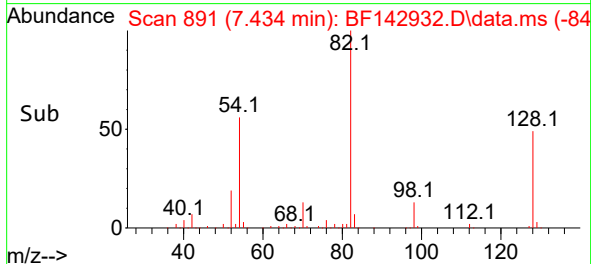
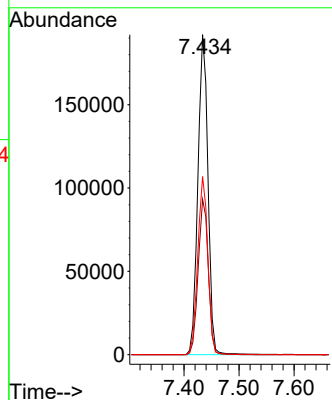
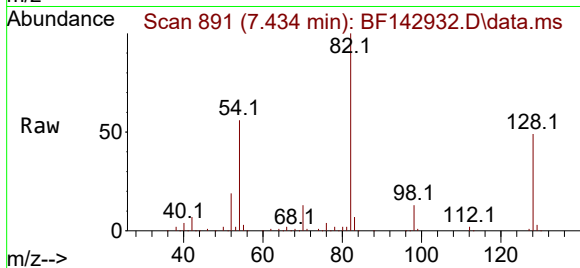
Tgt Ion: 82 Resp: 244868

Ion Ratio Lower Upper

82 100

128 48.5 37.7 56.5

54 55.6 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: BF142932.D

Acq: 30 Jun 2025 23:45

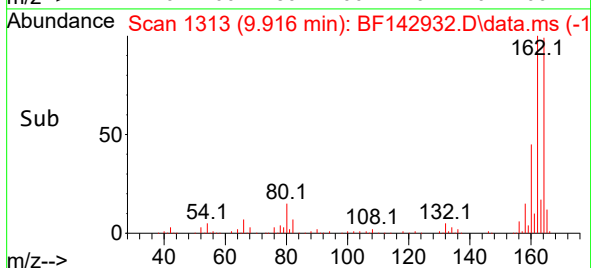
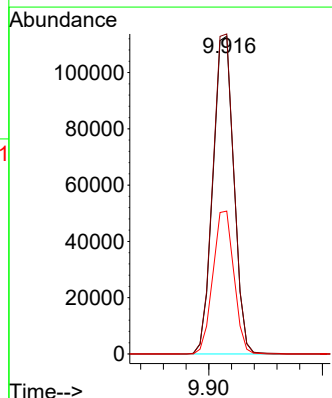
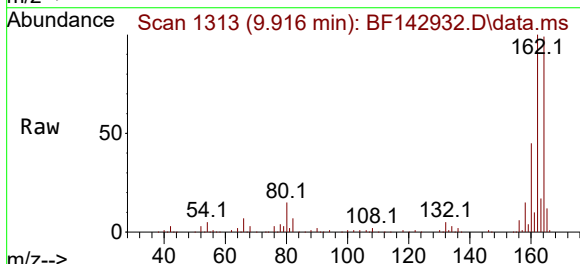
Tgt Ion:164 Resp: 144216

Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.8

160 45.0 36.0 54.0

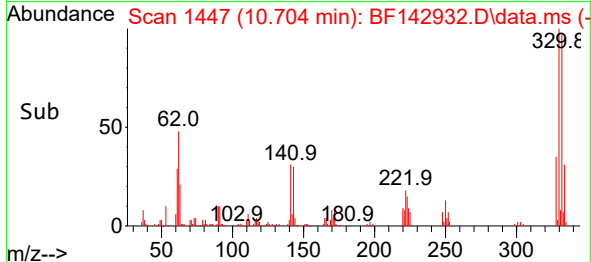
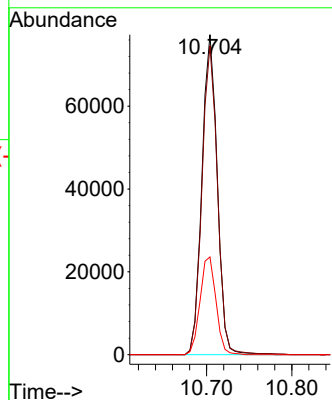
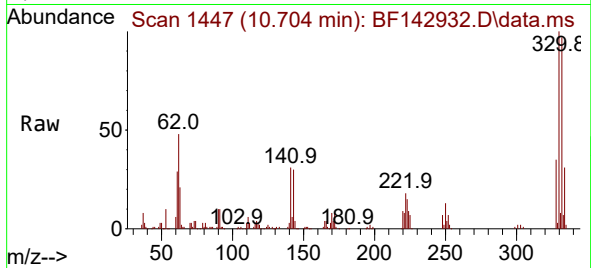




#42
2,4,6-Tribromophenol
Concen: 65.108 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF142932.D
Acq: 30 Jun 2025 23:45

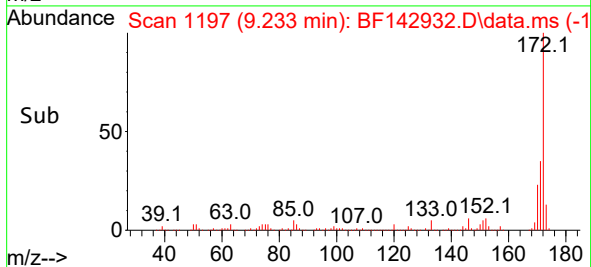
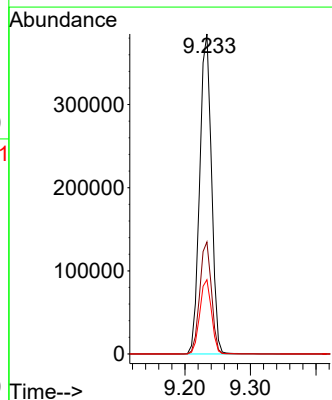
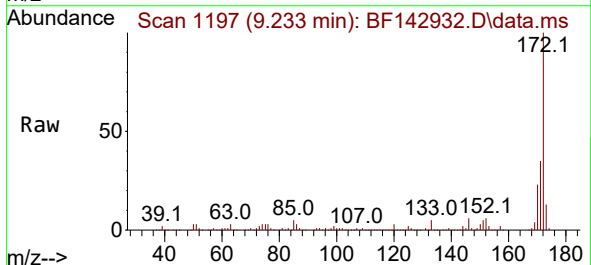
Instrument :
BNA_F
ClientSampleId :
TP-69

Tgt Ion: 330 Resp: 96625
Ion Ratio Lower Upper
330 100
332 97.2 75.0 112.6
141 31.7 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 43.934 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142932.D
Acq: 30 Jun 2025 23:45

Tgt Ion: 172 Resp: 482311
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.2 18.5 27.7

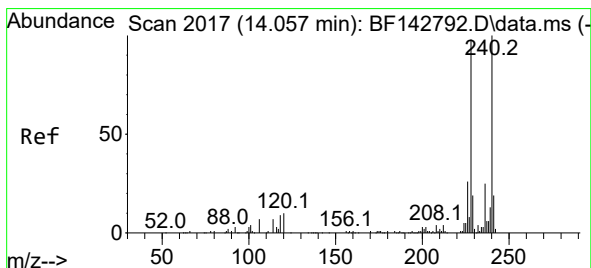
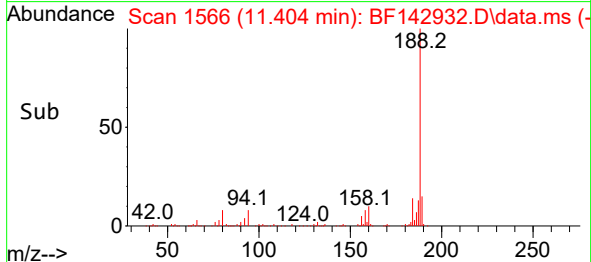
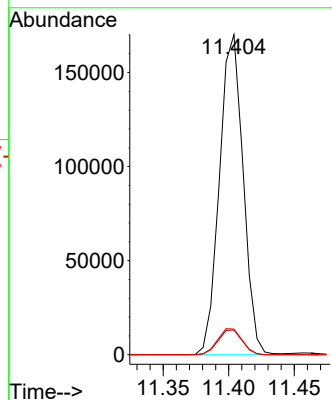
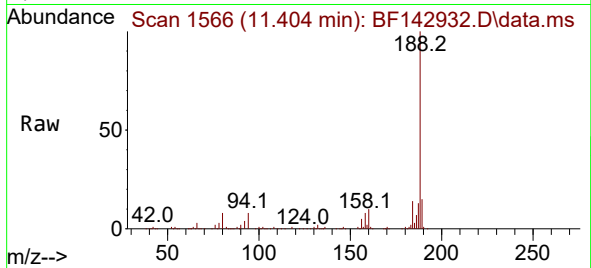




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142932.D
Acq: 30 Jun 2025 23:45

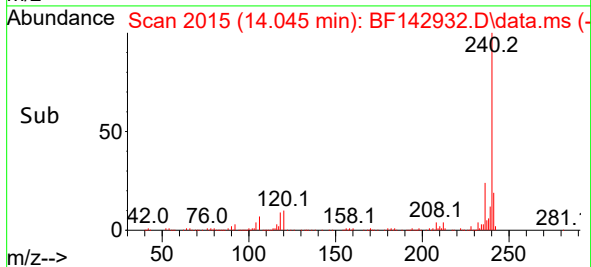
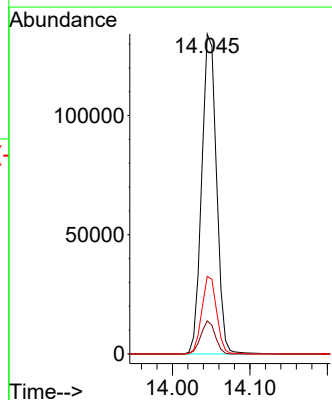
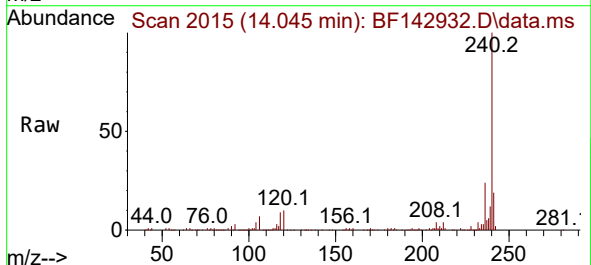
Instrument :
BNA_F
ClientSampleId :
TP-69

Tgt Ion:188 Resp: 213538
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.0 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: BF142932.D
Acq: 30 Jun 2025 23:45

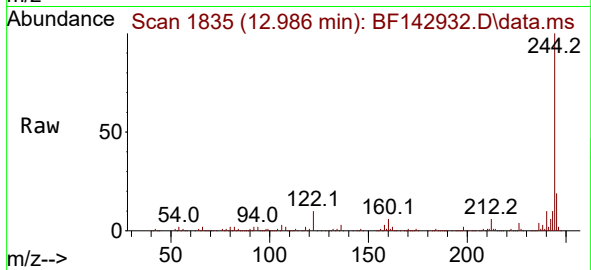
Tgt Ion:240 Resp: 178308
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 24.2 19.8 29.8



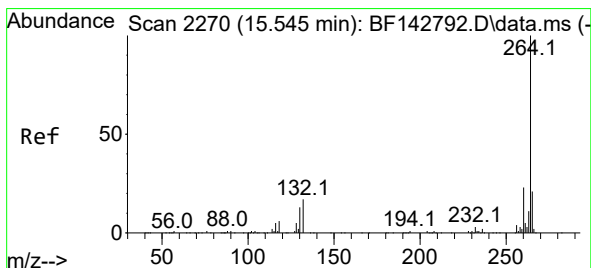
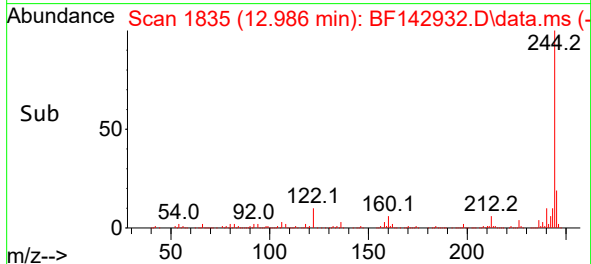
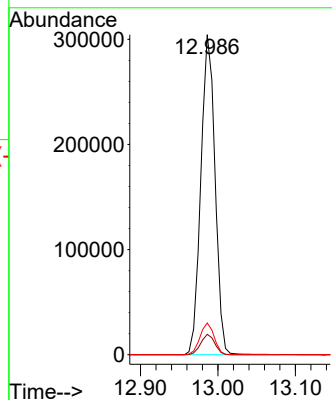


#79
 Terphenyl-d14
 Concen: 30.008 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF142932.D
 Acq: 30 Jun 2025 23:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-69



Tgt Ion:244 Resp: 387256
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 9.9 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: BF142932.D
 Acq: 30 Jun 2025 23:45

Tgt Ion:264 Resp: 202825
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.1 27.1
 265 21.6 16.6 25.0

