

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142888.D
 Acq On : 27 Jun 2025 12:50
 Operator : RC/JU
 Sample : Q2425-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Jun 27 13:14:29 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	69872	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	263807	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	130470	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	197251	20.000	ng	0.00
76) Chrysene-d12	14.051	240	147517	20.000	ng	0.00
86) Perylene-d12	15.545	264	148110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	334649	79.741	ng	0.00
7) Phenol-d6	6.504	99	405318	81.861	ng	0.00
23) Nitrobenzene-d5	7.440	82	236773	49.230	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	101534	75.623	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	520174	52.375	ng	-0.01
79) Terphenyl-d14	12.992	244	428159	40.103	ng	0.00

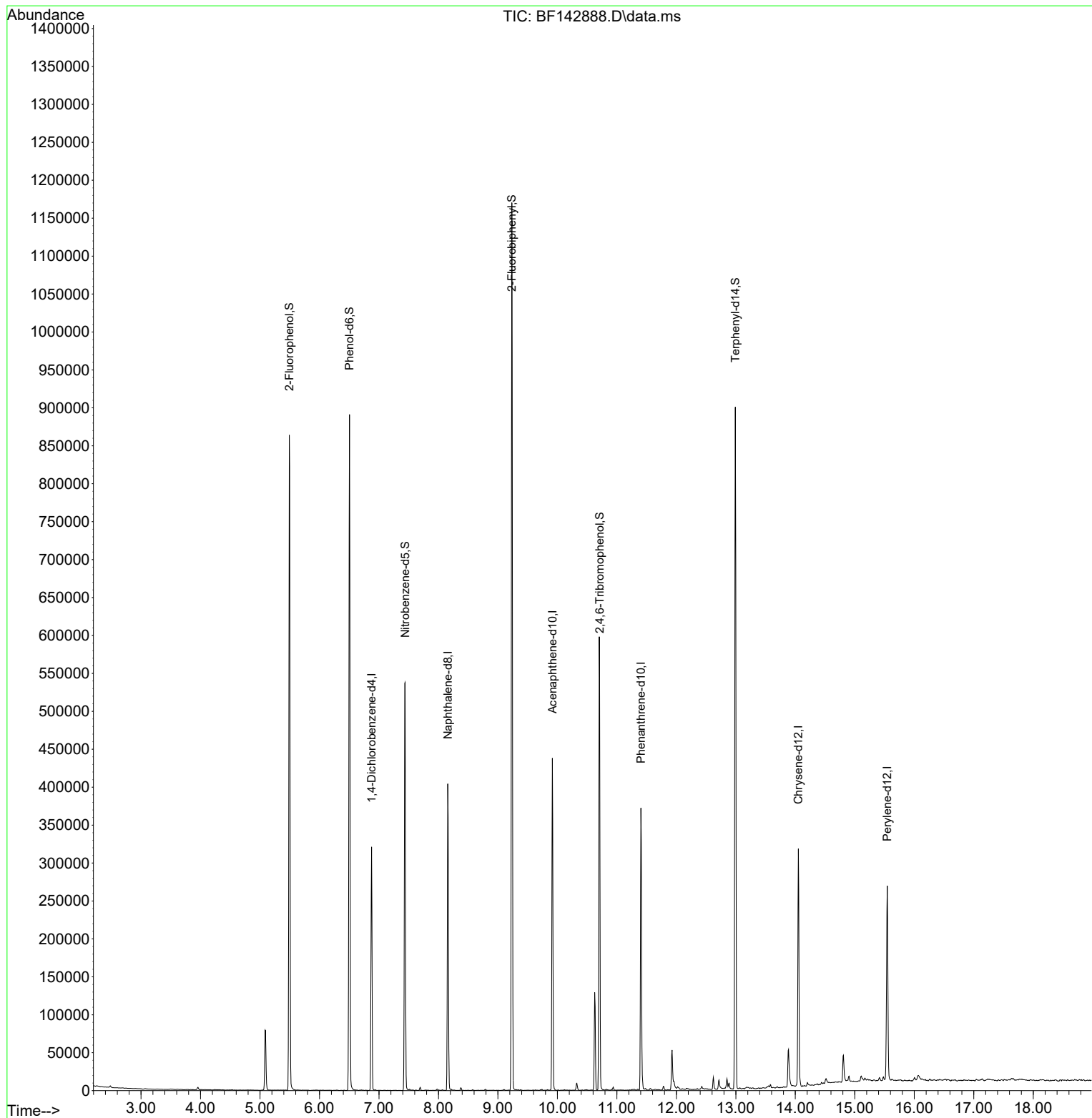
Target Compounds	Qvalue

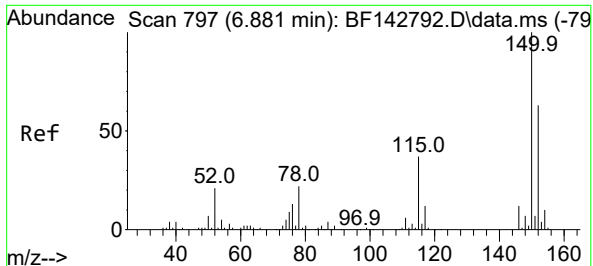
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142888.D
Acq On : 27 Jun 2025 12:50
Operator : RC/JU
Sample : Q2425-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Time: Jun 27 13:14:29 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

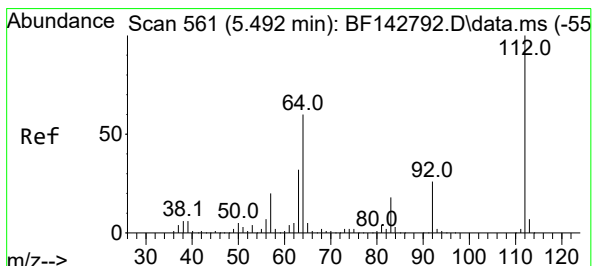
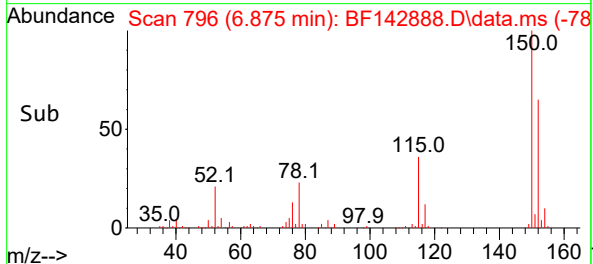
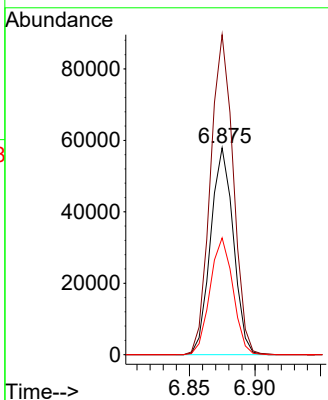
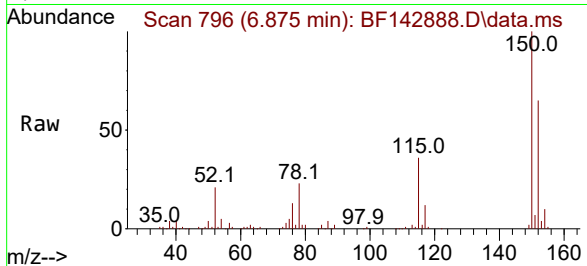




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF142888.D
Acq: 27 Jun 2025 12:50

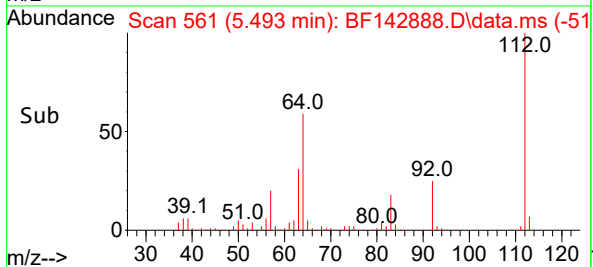
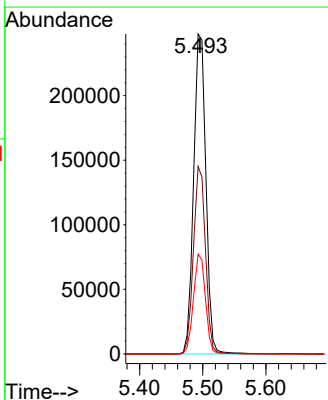
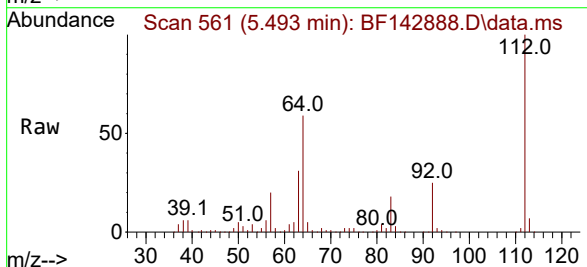
Instrument :
BNA_F
ClientSampleId :
COMP-3

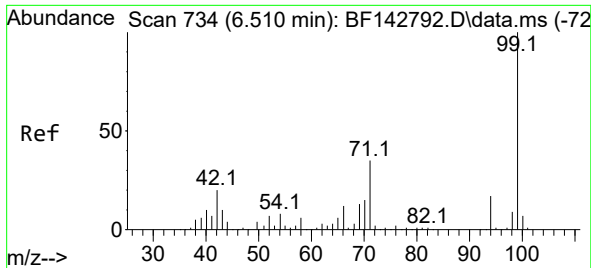
Tgt Ion:152 Resp: 69872
Ion Ratio Lower Upper
152 100
150 154.7 127.2 190.8
115 56.5 46.6 69.8



#5
2-Fluorophenol
Concen: 79.741 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142888.D
Acq: 27 Jun 2025 12:50

Tgt Ion:112 Resp: 334649
Ion Ratio Lower Upper
112 100
64 58.6 48.2 72.2
63 31.2 25.7 38.5

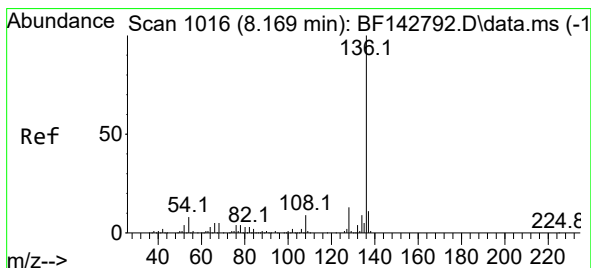
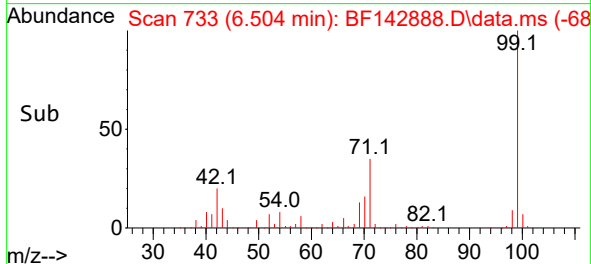
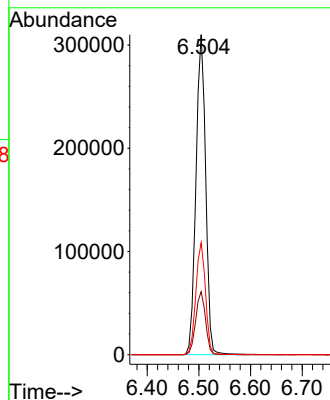
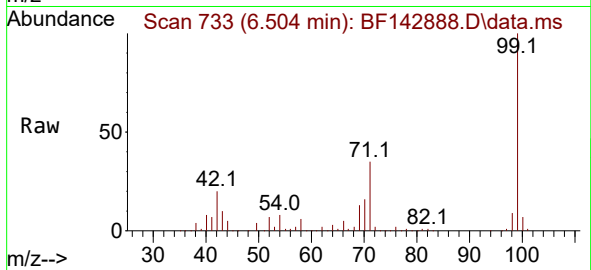




#7
Phenol-d6
Concen: 81.861 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142888.D
Acq: 27 Jun 2025 12:50

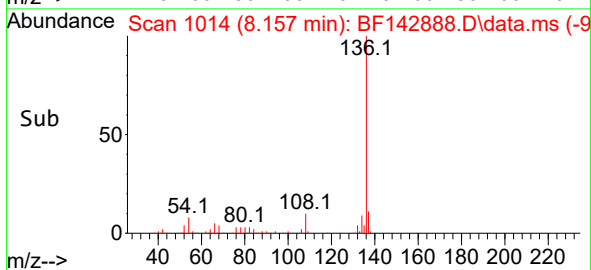
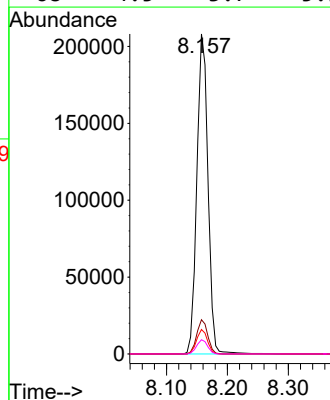
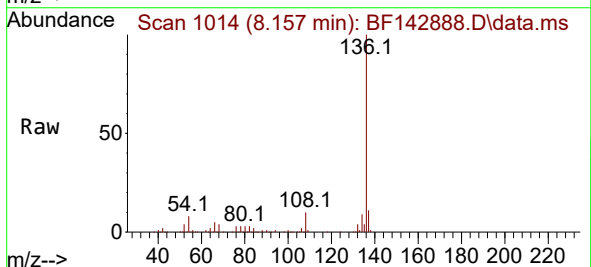
Instrument :
BNA_F
ClientSampleId :
COMP-3

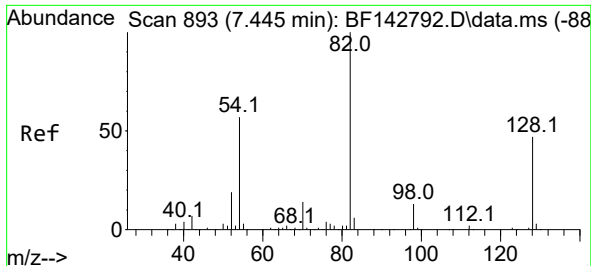
Tgt Ion: 99 Resp: 405318
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142888.D
Acq: 27 Jun 2025 12:50

Tgt Ion: 136 Resp: 263807
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.7 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 49.230 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.005 min

Lab File: BF142888.D

Acq: 27 Jun 2025 12:50

Instrument :

BNA_F

ClientSampleId :

COMP-3

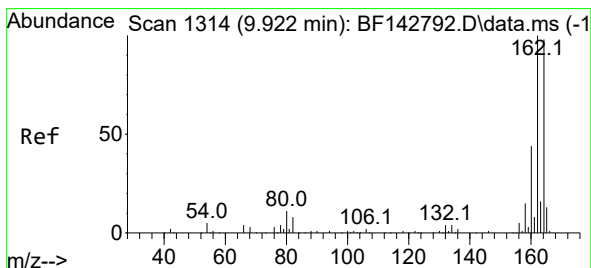
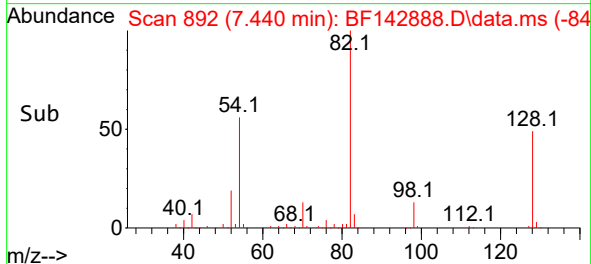
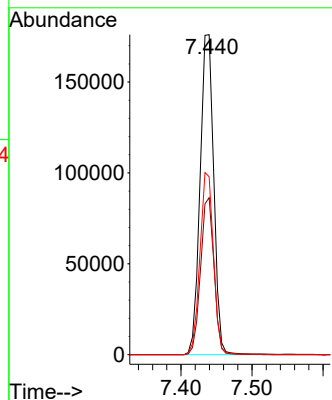
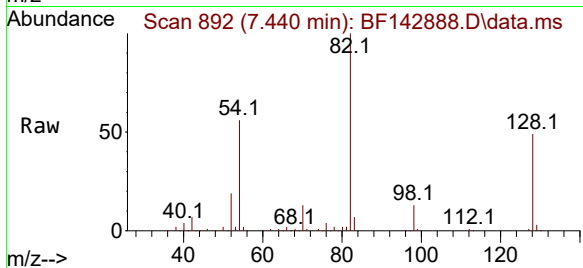
Tgt Ion: 82 Resp: 236773

Ion Ratio Lower Upper

82 100

128 49.1 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: BF142888.D

Acq: 27 Jun 2025 12:50

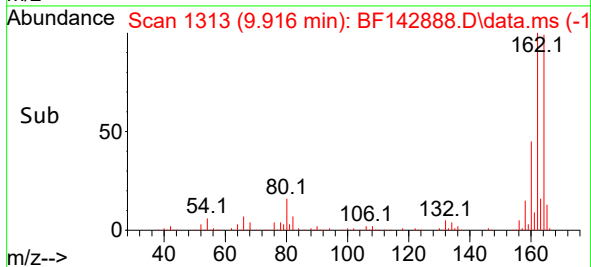
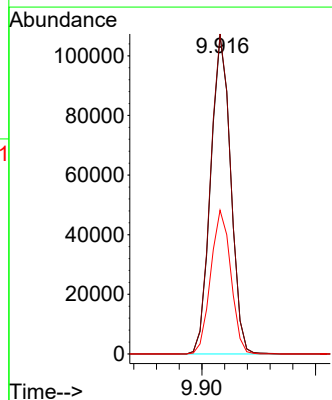
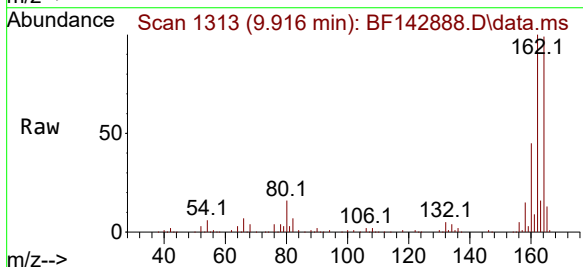
Tgt Ion:164 Resp: 130470

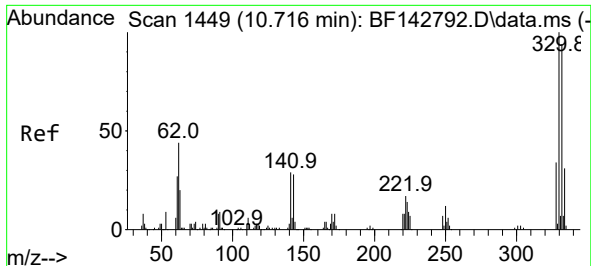
Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.8

160 45.2 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 75.623 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF142888.D

Acq: 27 Jun 2025 12:50

Instrument :

BNA_F

ClientSampleId :

COMP-3

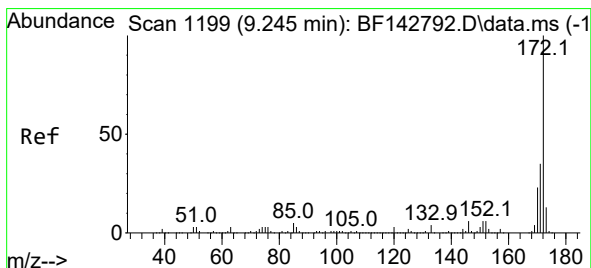
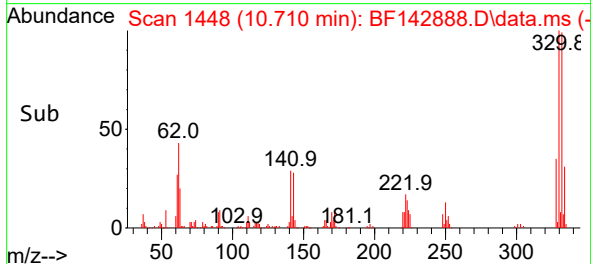
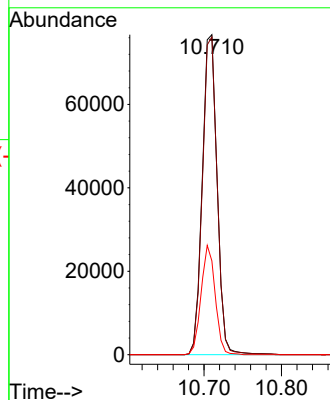
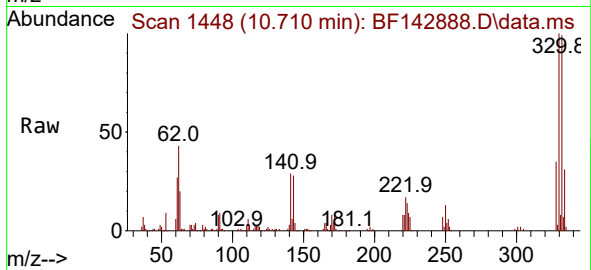
Tgt Ion:330 Resp: 101534

Ion Ratio Lower Upper

330 100

332 98.5 75.0 112.6

141 32.5 25.3 37.9



#45

2-Fluorobiphenyl

Concen: 52.375 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.011 min

Lab File: BF142888.D

Acq: 27 Jun 2025 12:50

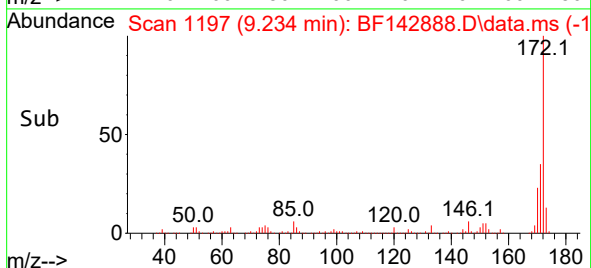
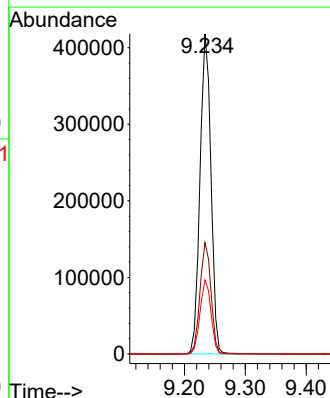
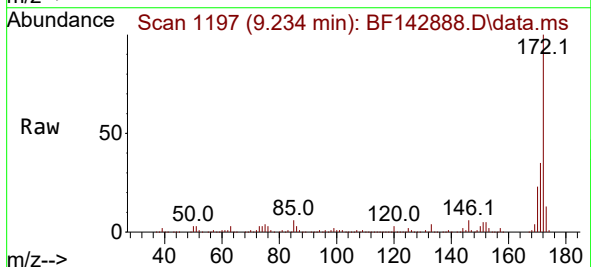
Tgt Ion:172 Resp: 520174

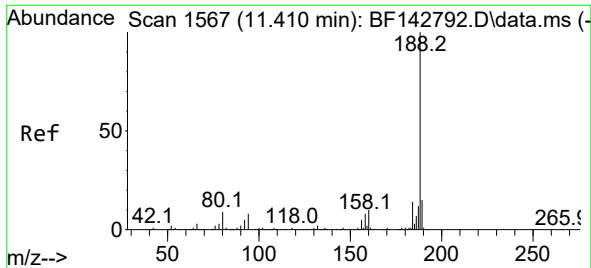
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.1 18.5 27.7

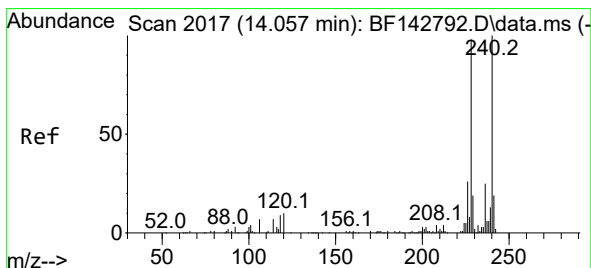
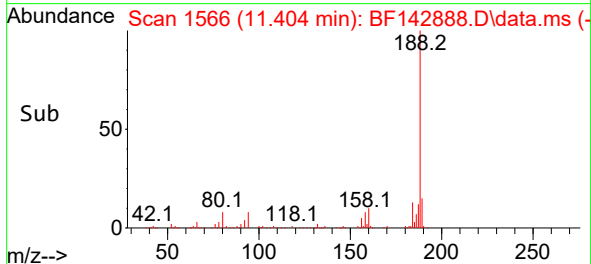
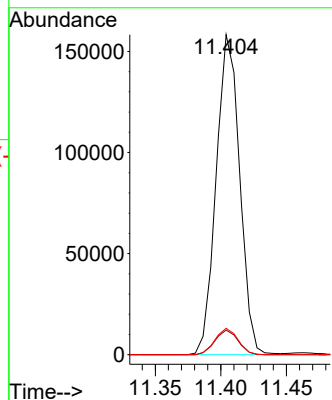
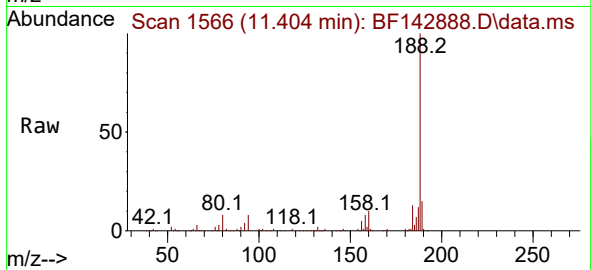




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142888.D
Acq: 27 Jun 2025 12:50

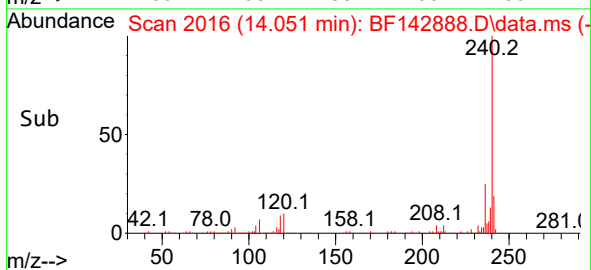
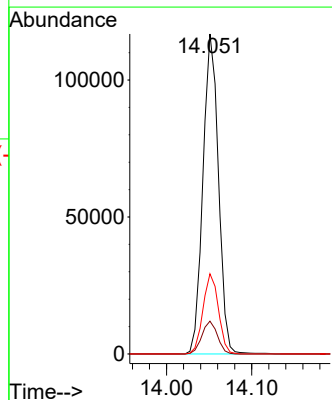
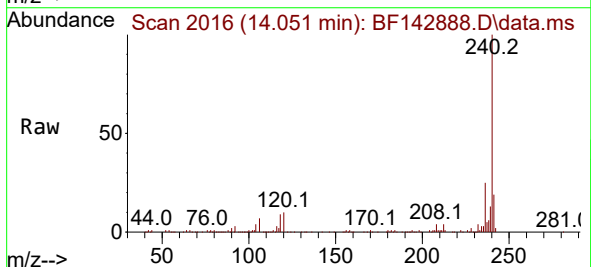
Instrument :
BNA_F
ClientSampleId :
COMP-3

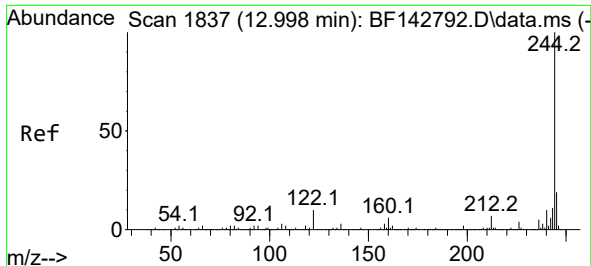
Tgt Ion:188 Resp: 197251
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142888.D
Acq: 27 Jun 2025 12:50

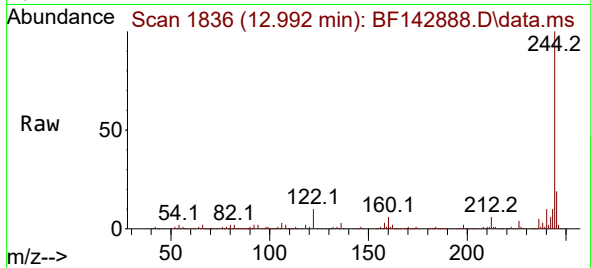
Tgt Ion:240 Resp: 147517
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 25.0 19.8 29.8



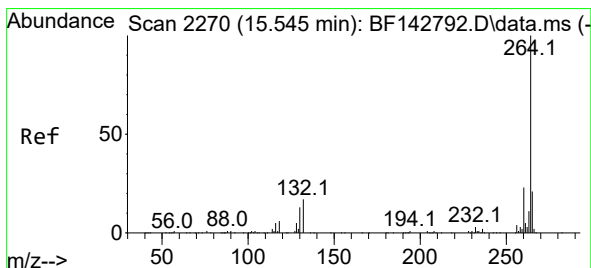
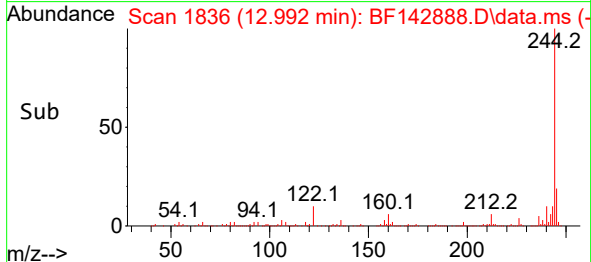
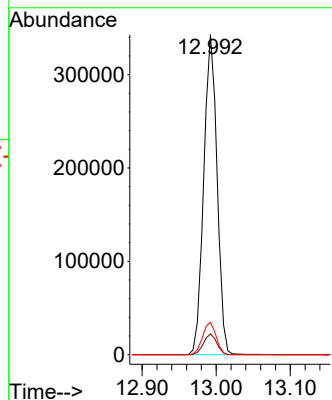


#79
 Terphenyl-d14
 Concen: 40.103 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142888.D
 Acq: 27 Jun 2025 12:50

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3



Tgt Ion:244 Resp: 428159
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF142888.D
 Acq: 27 Jun 2025 12:50

Tgt Ion:264 Resp: 148110
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.1 27.1
 265 21.3 16.6 25.0

