

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

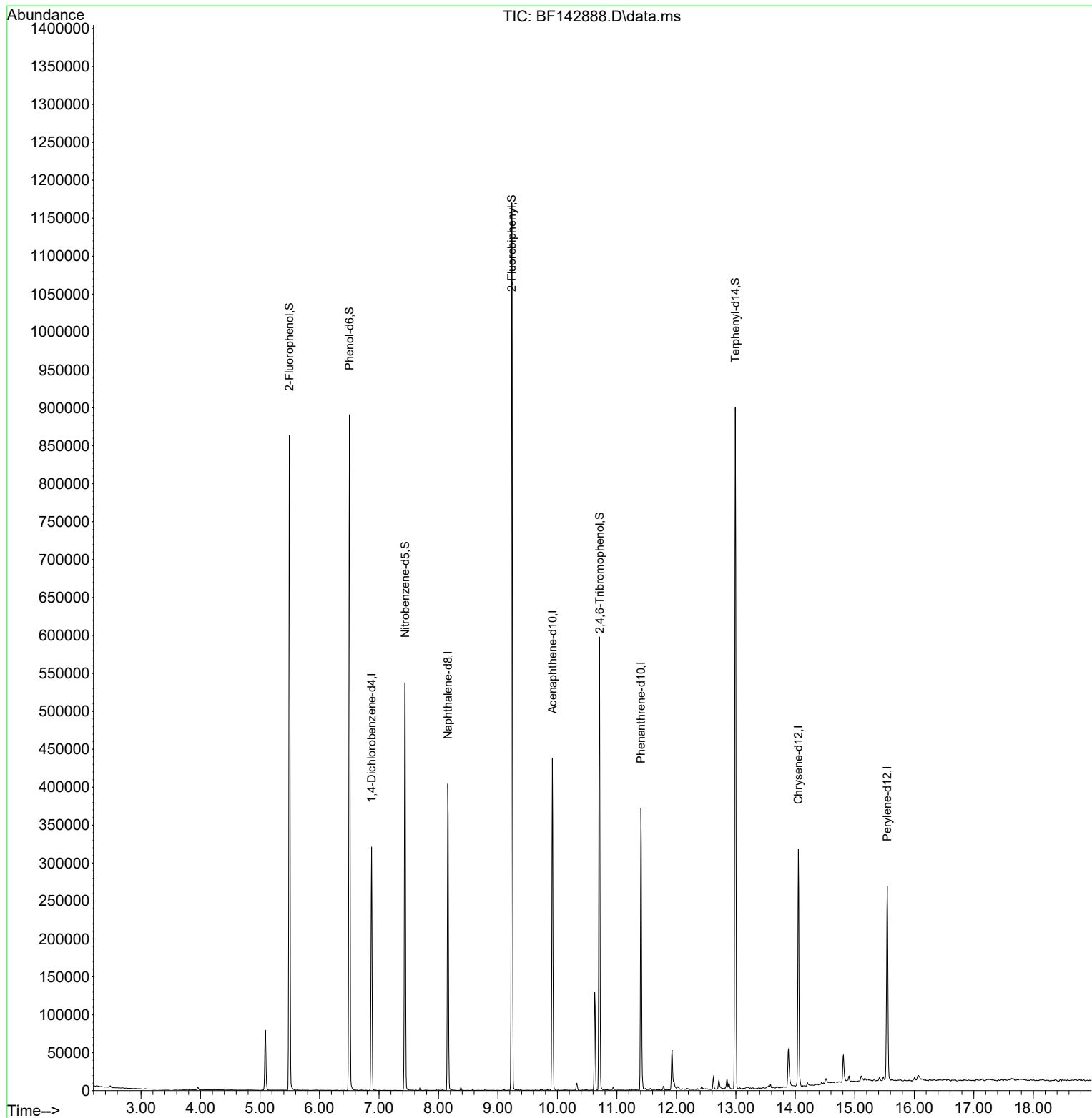
Target Compounds	Qvalue

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

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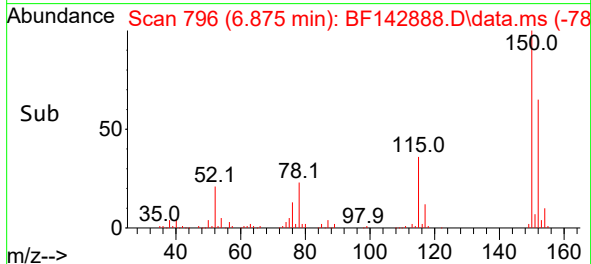
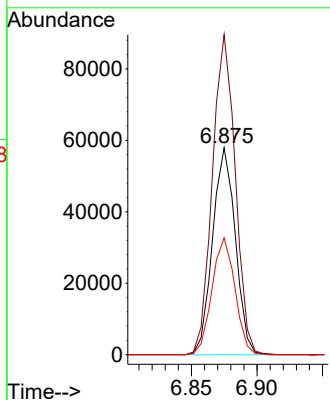
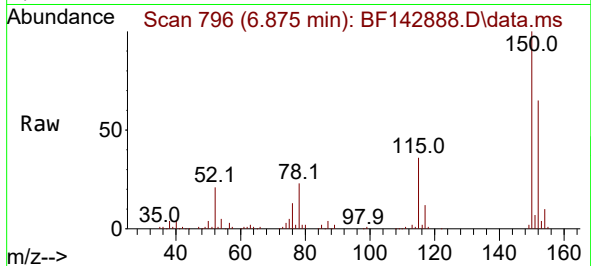




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142888.D
 Acq: 27 Jun 2025 12:50

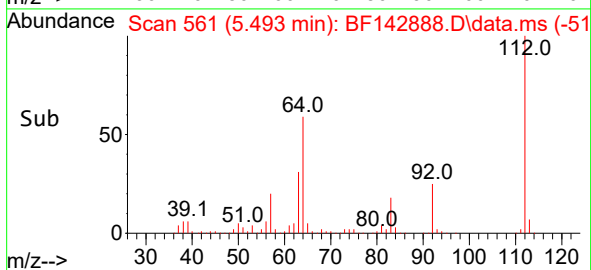
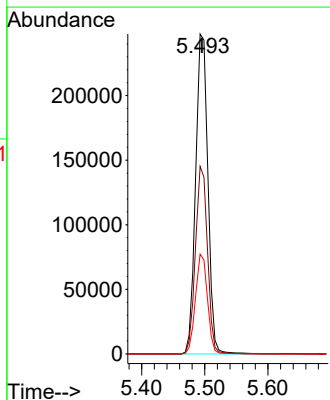
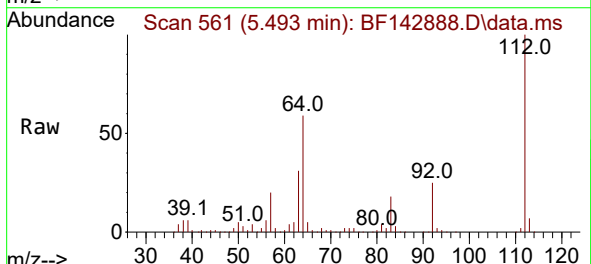
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

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

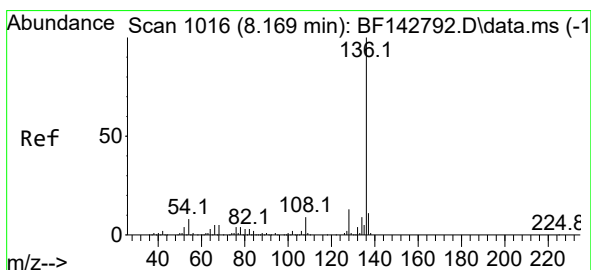
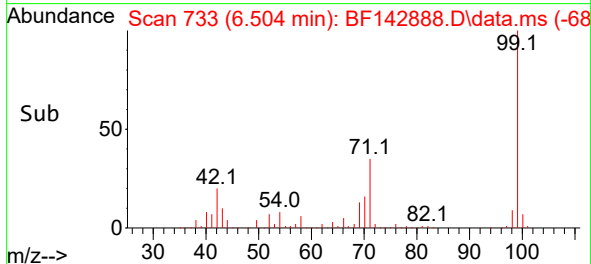
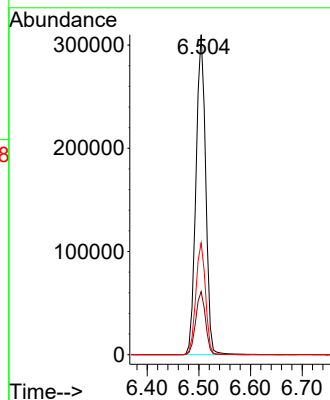
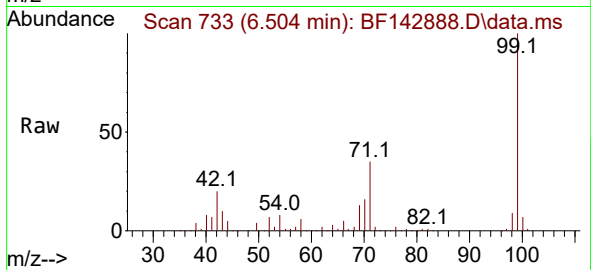




#7
Phenol-d6
Concen: 81.861 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142888.D
Acq: 27 Jun 2025 12:50

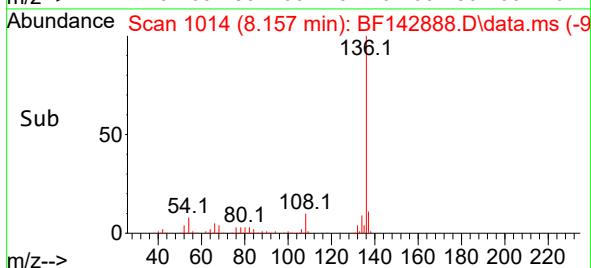
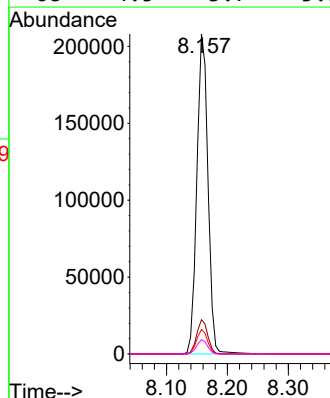
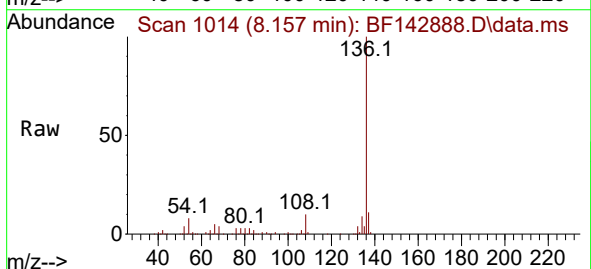
Instrument :
BNA_F
ClientSampleId :
COMP-3

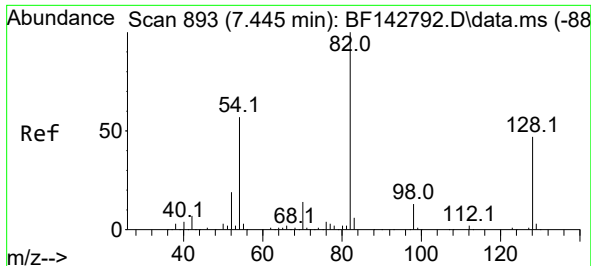
Tgt Ion: 99 Resp: 405318
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.0 27.8 41.8



#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 :

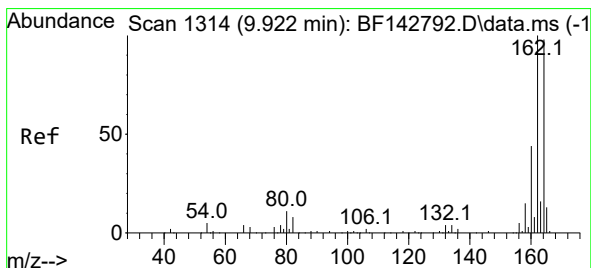
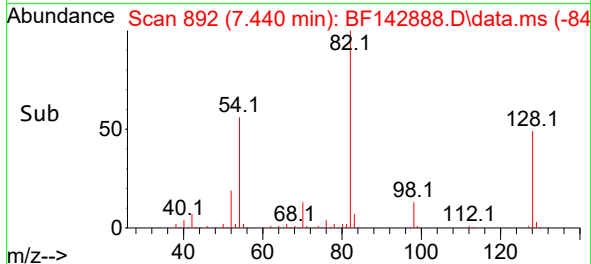
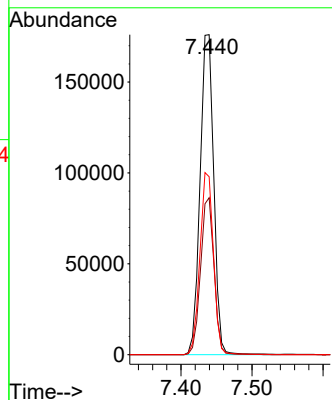
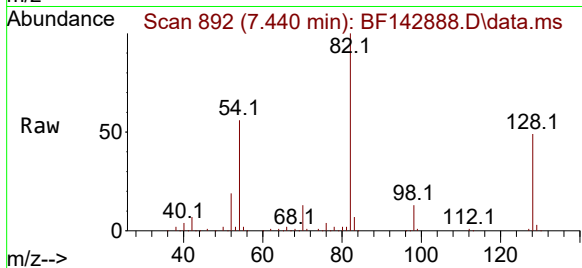
BNA_F

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

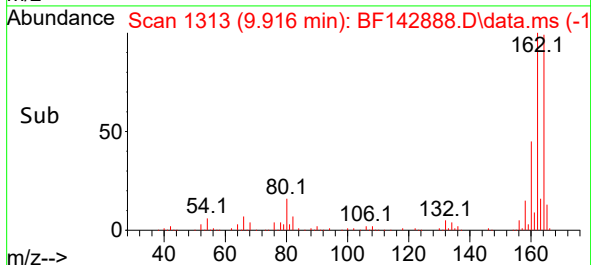
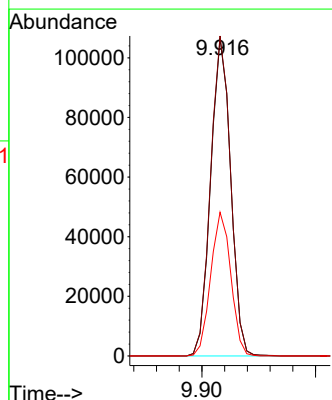
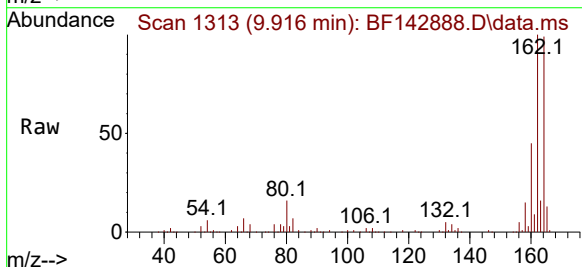
Delta R.T. -0.006 min

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

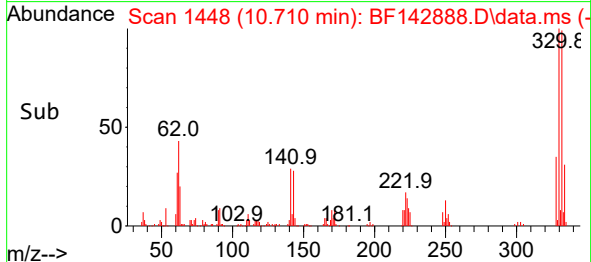
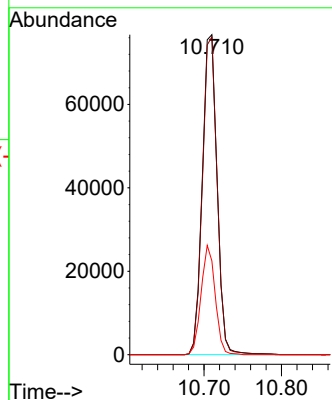
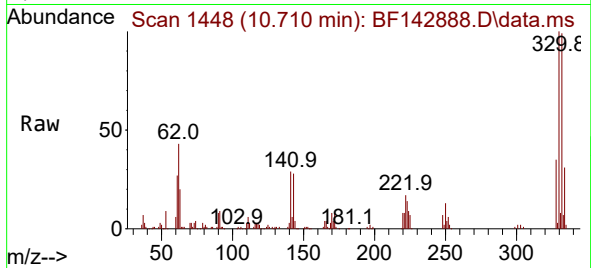




#42
2,4,6-Tribromophenol
Concen: 75.623 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142888.D
Acq: 27 Jun 2025 12:50

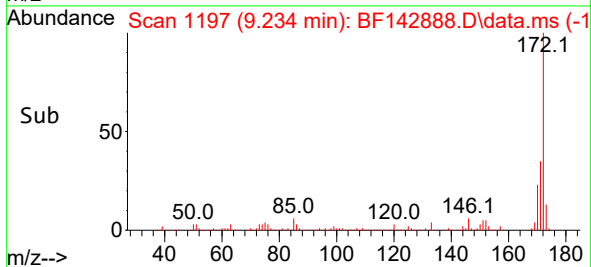
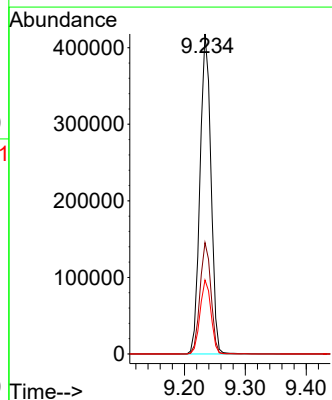
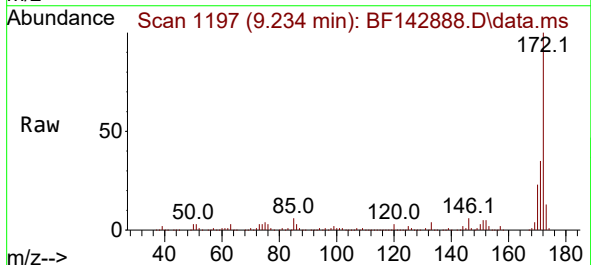
Instrument :
BNA_F
ClientSampleId :
COMP-3

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

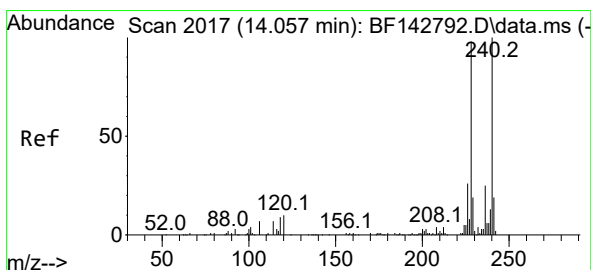
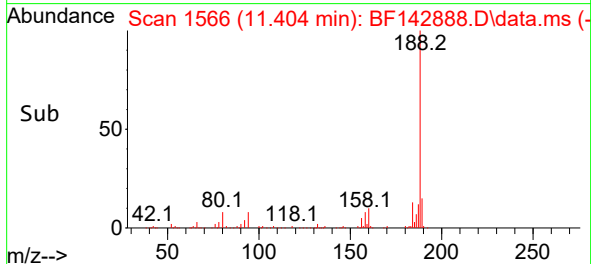
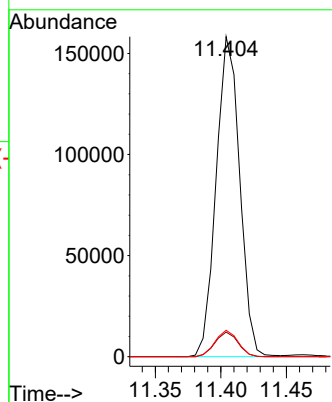
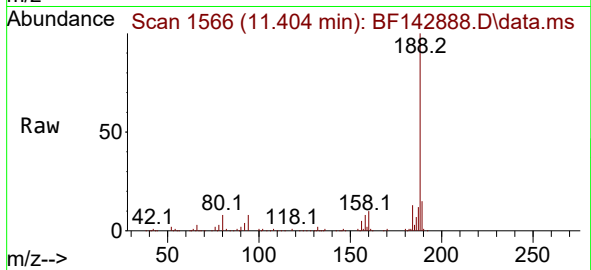




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142888.D
Acq: 27 Jun 2025 12:50

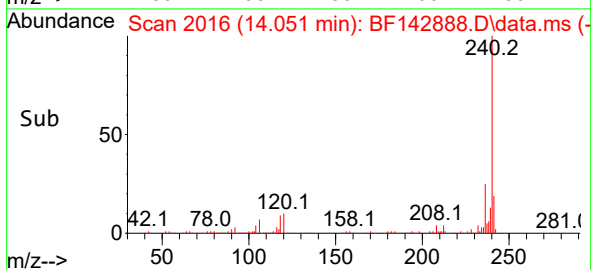
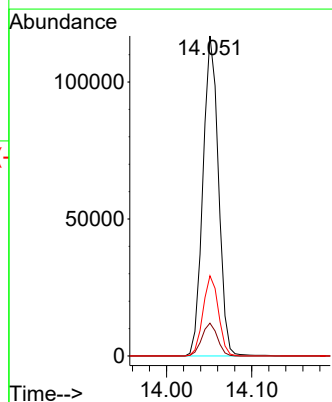
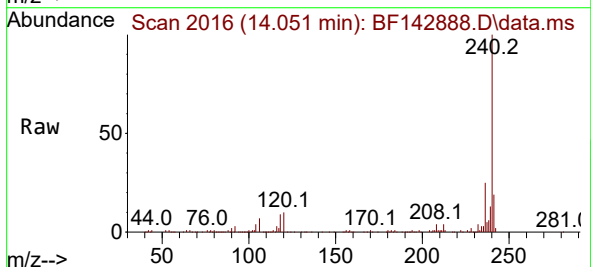
Instrument :
BNA_F
ClientSampleId :
COMP-3

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

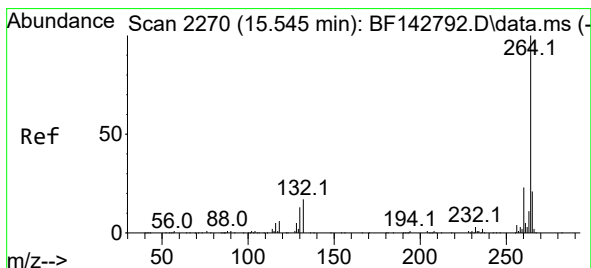
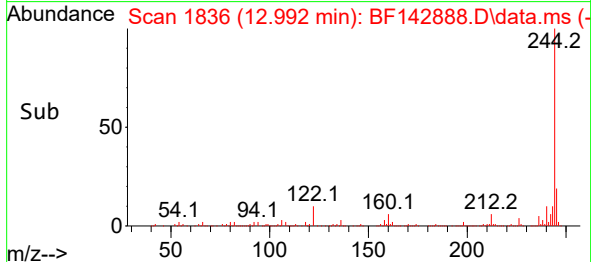
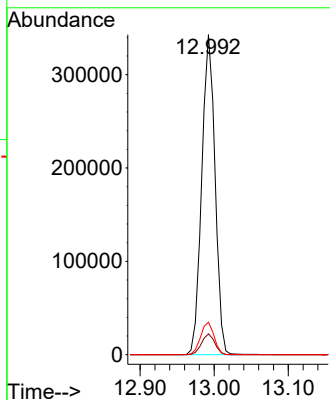
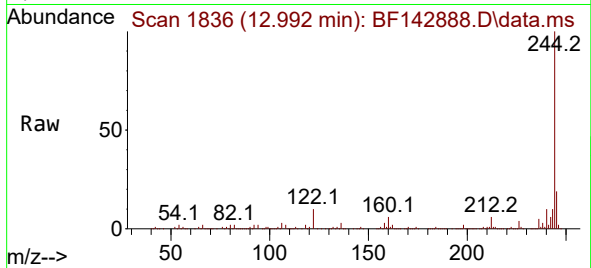




#79
 Terphenyl-d14
 Concen: 40.103 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142888.D
 Acq: 27 Jun 2025 12:50

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

