

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142762.D
 Acq On : 12 Jun 2025 17:27
 Operator : RC/JU
 Sample : Q2223-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-06042025

Quant Time: Jun 12 18:31:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	52401	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	167460	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	75604	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	130625	20.000	ng	0.00
76) Chrysene-d12	14.063	240	149325	20.000	ng	0.00
86) Perylene-d12	15.557	264	118919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	57617	18.727	ng	0.00
7) Phenol-d6	6.510	99	62091	17.148	ng	-0.01
23) Nitrobenzene-d5	7.445	82	35674	11.659	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	13484	16.273	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	78899	13.865	ng	-0.01
79) Terphenyl-d14	13.004	244	97505	8.968	ng	0.00

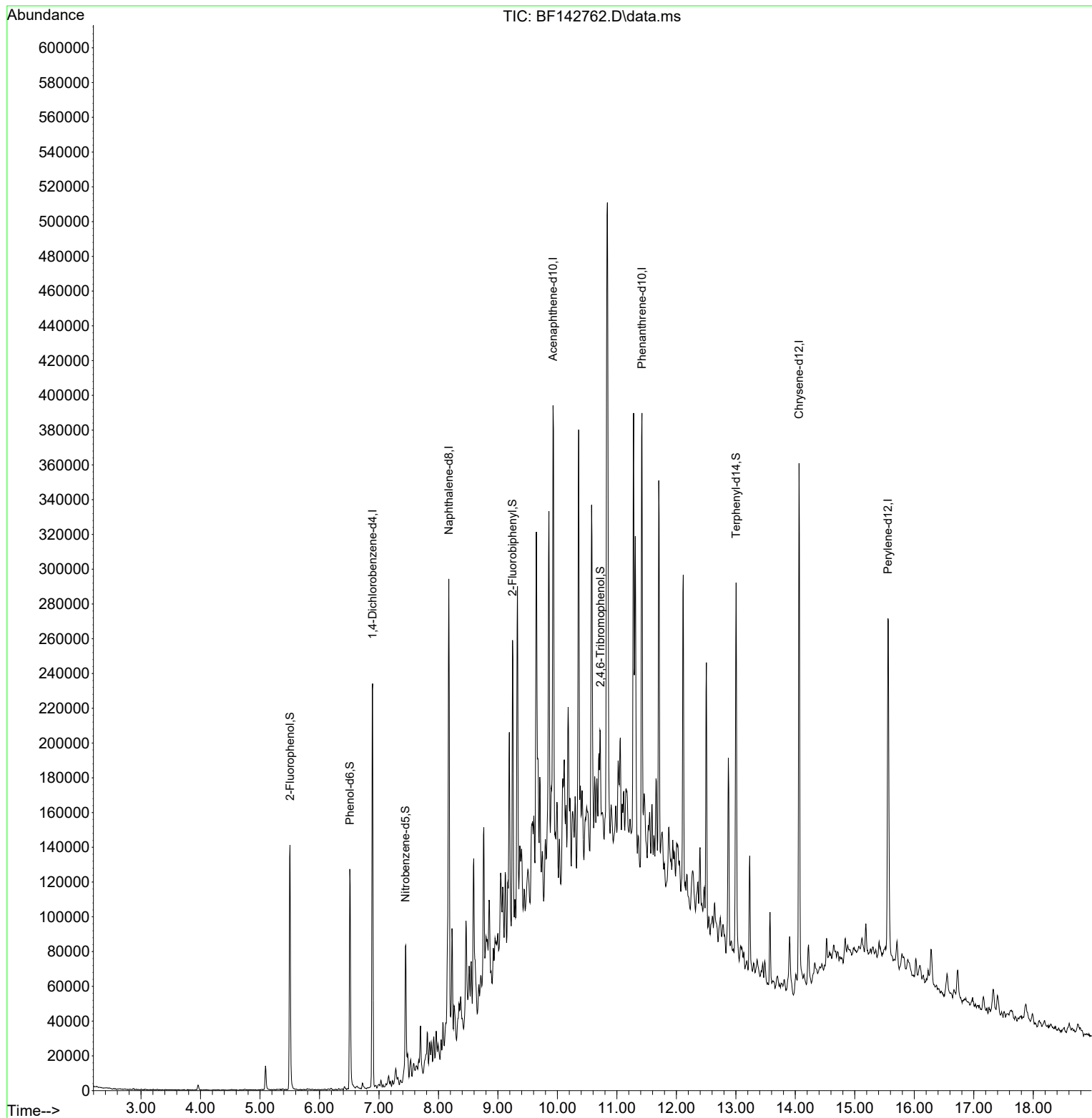
Target Compounds	Qvalue

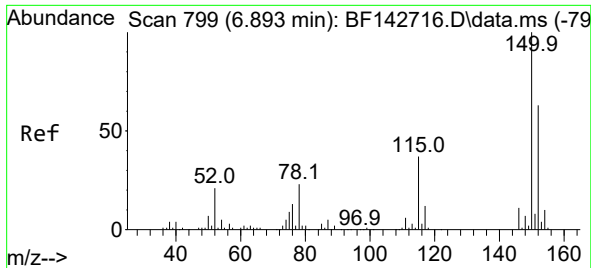
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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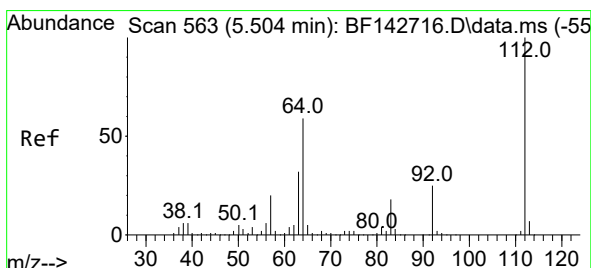
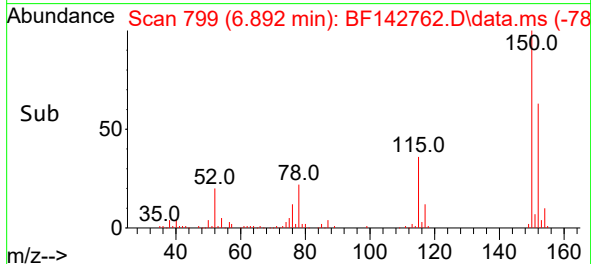
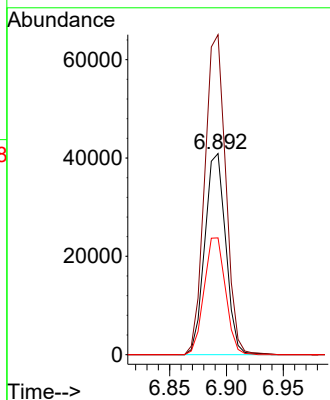
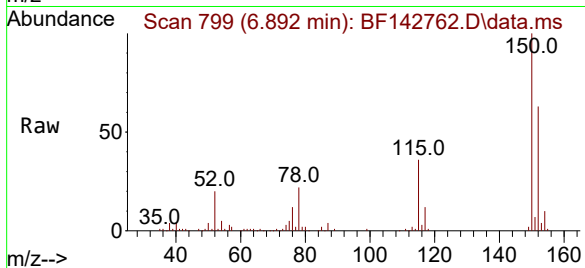




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF142762.D
Acq: 12 Jun 2025 17:27

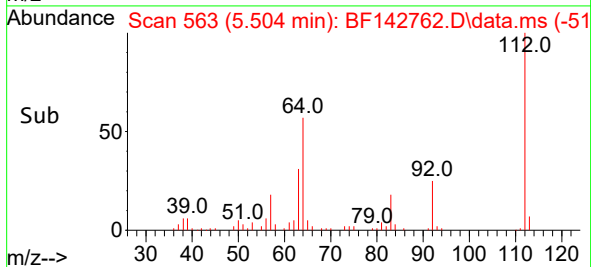
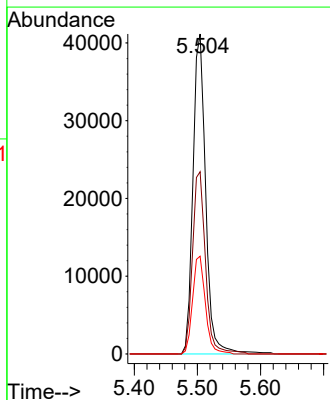
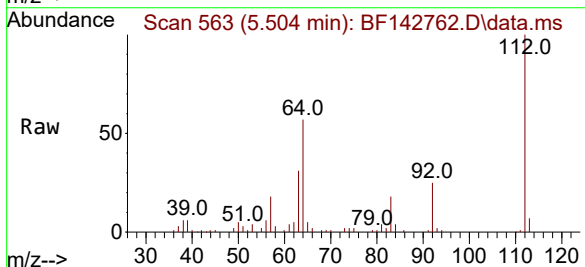
Instrument :
BNA_F
ClientSampleId :
HR-01-06042025

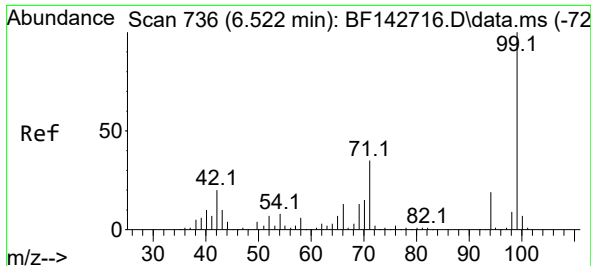
Tgt Ion:152 Resp: 52401
Ion Ratio Lower Upper
152 100
150 159.2 126.9 190.3
115 58.1 47.0 70.6



#5
2-Fluorophenol
Concen: 18.727 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF142762.D
Acq: 12 Jun 2025 17:27

Tgt Ion:112 Resp: 57617
Ion Ratio Lower Upper
112 100
64 56.9 47.4 71.2
63 30.5 25.4 38.0

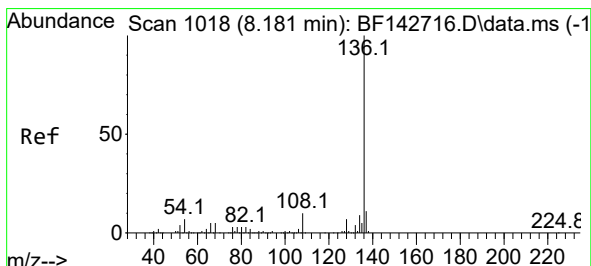
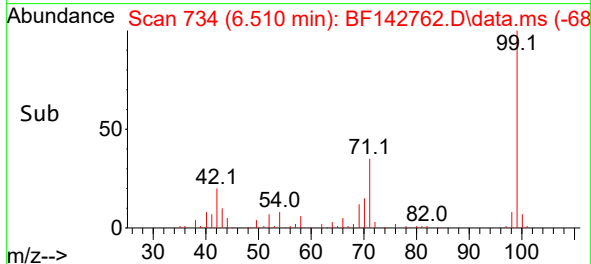
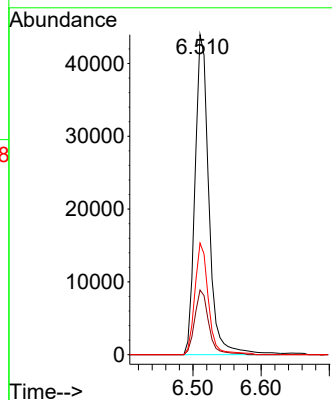
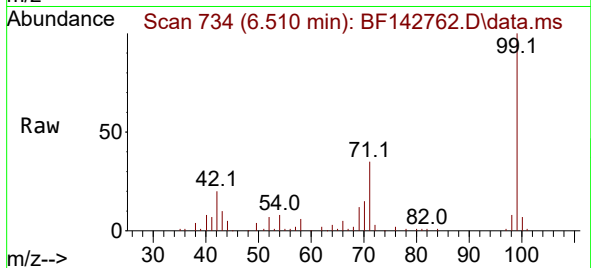




#7
Phenol-d6
Concen: 17.148 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142762.D
Acq: 12 Jun 2025 17:27

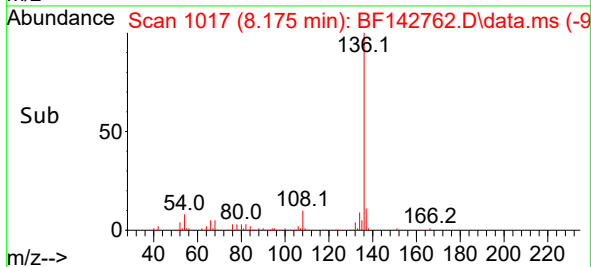
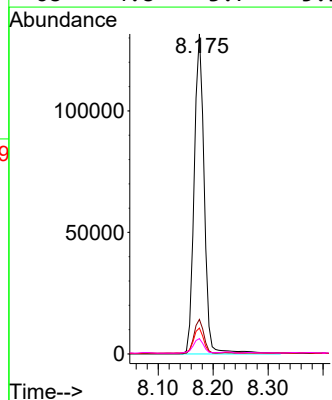
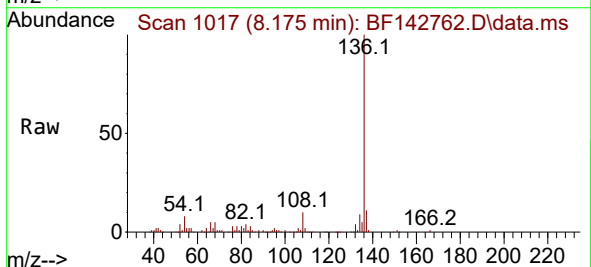
Instrument :
BNA_F
ClientSampleId :
HR-01-06042025

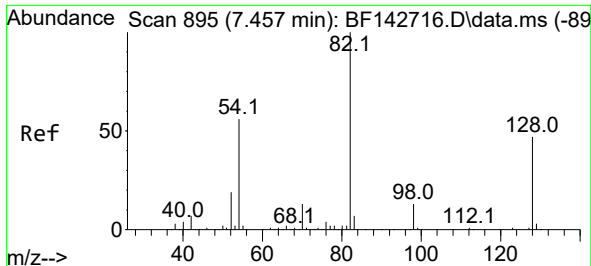
Tgt Ion: 99 Resp: 62091
Ion Ratio Lower Upper
99 100
42 20.2 15.9 23.9
71 34.9 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142762.D
Acq: 12 Jun 2025 17:27

Tgt Ion: 136 Resp: 167460
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.1 5.9 8.9
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 11.659 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142762.D

Acq: 12 Jun 2025 17:27

Instrument :

BNA_F

ClientSampleId :

HR-01-06042025

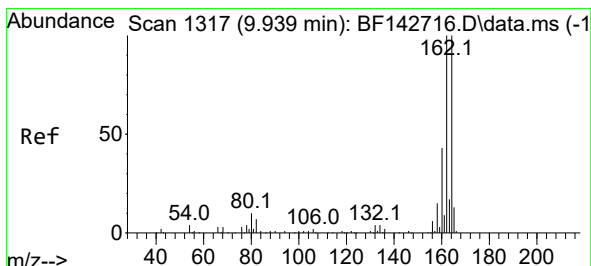
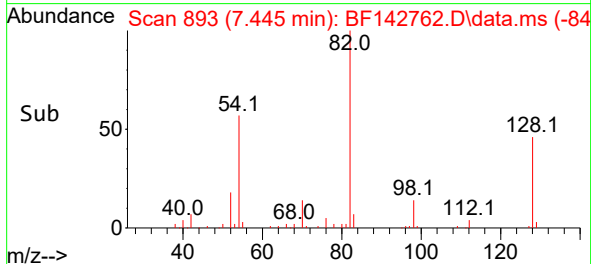
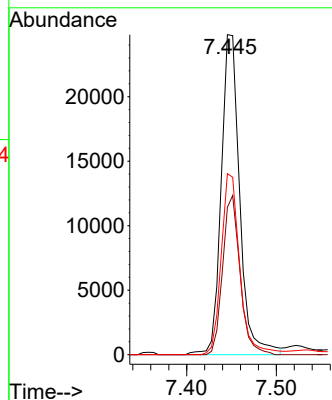
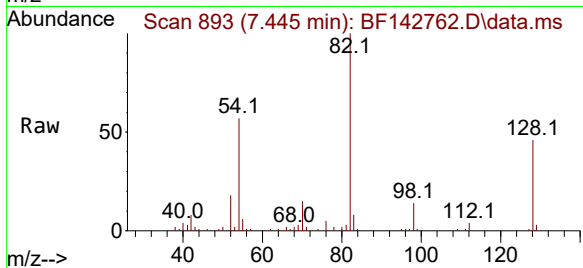
Tgt Ion: 82 Resp: 35674

Ion Ratio Lower Upper

82 100

128 46.1 37.8 56.8

54 56.5 44.9 67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF142762.D

Acq: 12 Jun 2025 17:27

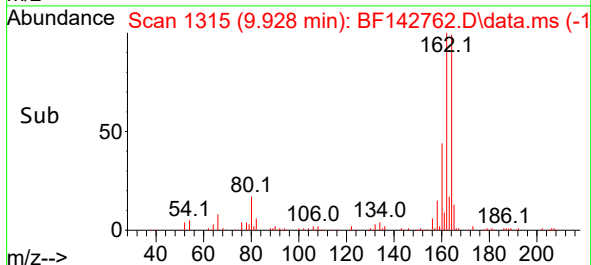
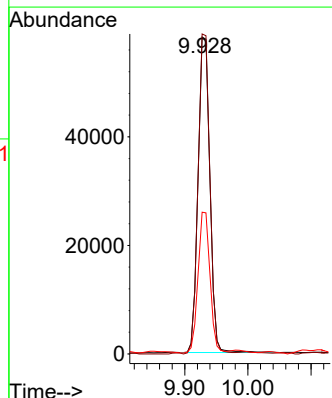
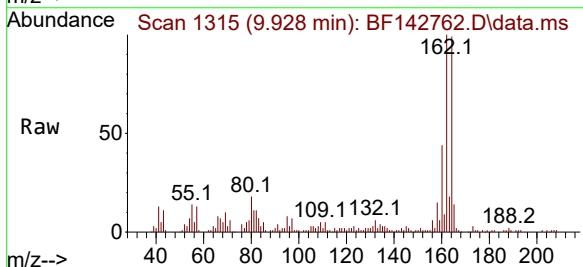
Tgt Ion:164 Resp: 75604

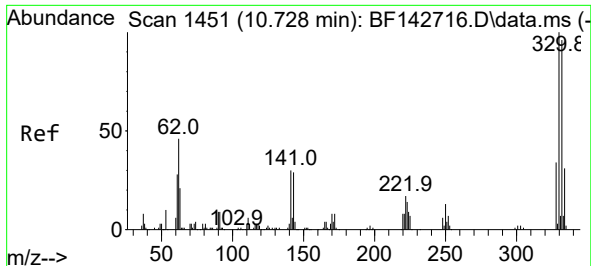
Ion Ratio Lower Upper

164 100

162 101.0 79.9 119.9

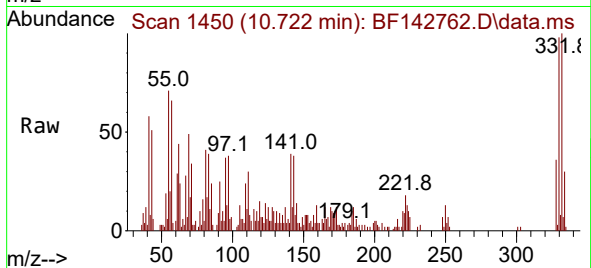
160 44.7 34.8 52.2





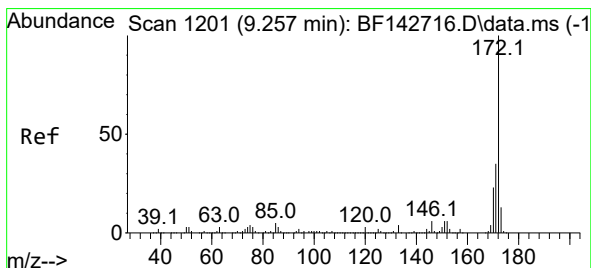
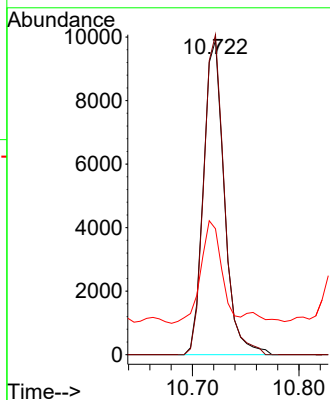
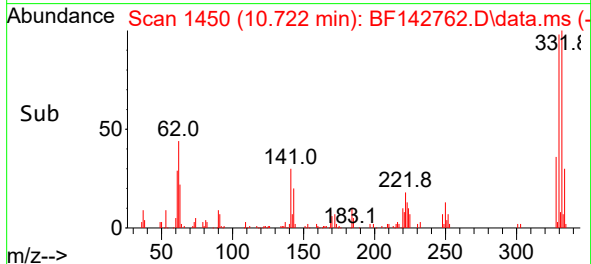
#42
 2,4,6-Tribromophenol
 Concen: 16.273 ng
 RT: 10.722 min Scan# 1450
 Delta R.T. -0.006 min
 Lab File: BF142762.D
 Acq: 12 Jun 2025 17:27

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-06042025

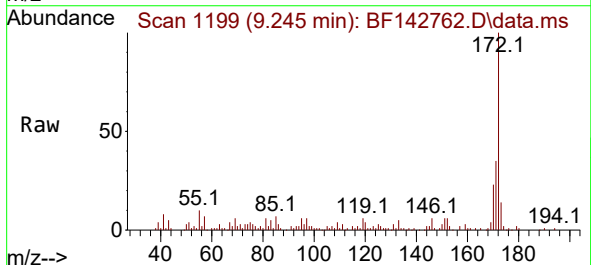


Tgt Ion: 330 Resp: 13484

Ion	Ratio	Lower	Upper
330	100		
332	100.1	77.0	115.6
141	32.8	25.4	38.0

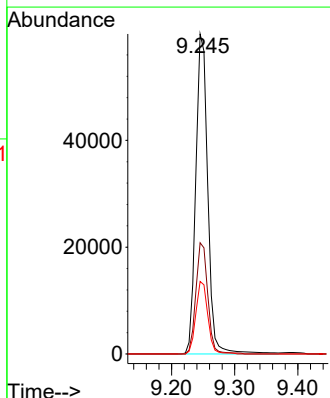
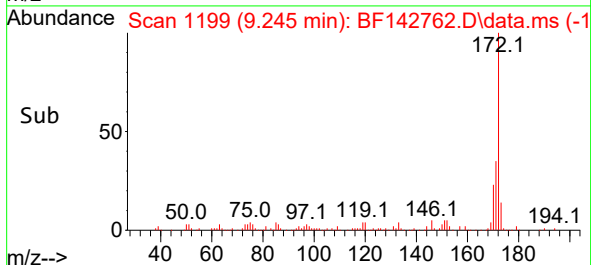


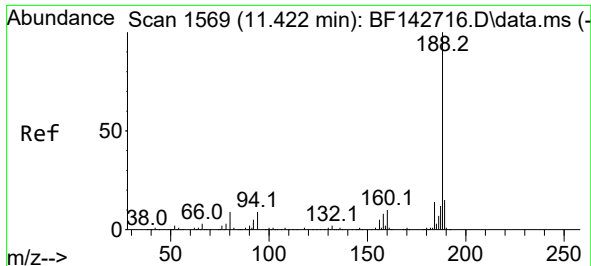
#45
 2-Fluorobiphenyl
 Concen: 13.865 ng
 RT: 9.245 min Scan# 1199
 Delta R.T. -0.012 min
 Lab File: BF142762.D
 Acq: 12 Jun 2025 17:27



Tgt Ion: 172 Resp: 78899

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	22.6	18.6	27.8

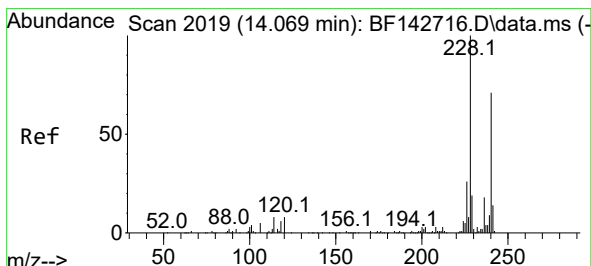
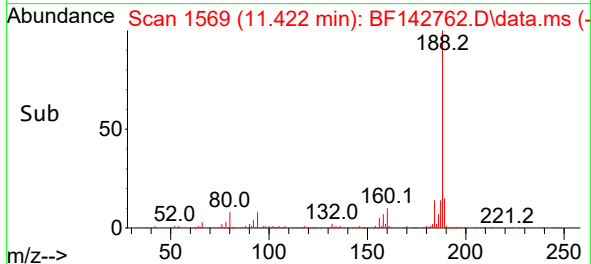
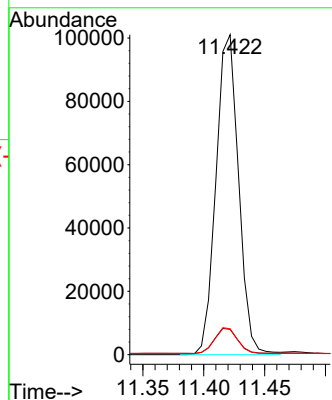
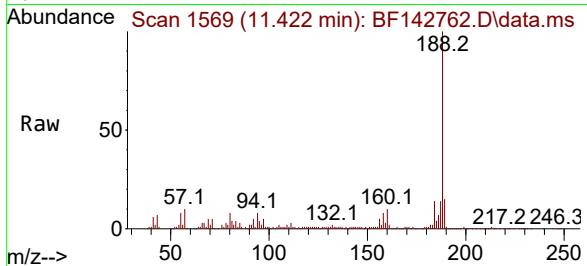




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142762.D
Acq: 12 Jun 2025 17:27

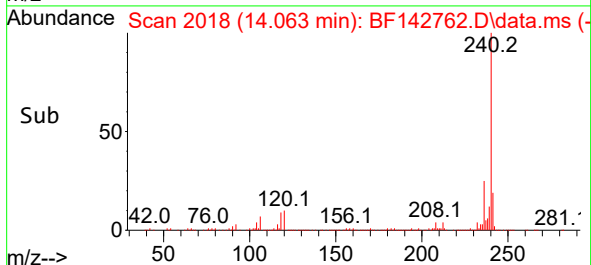
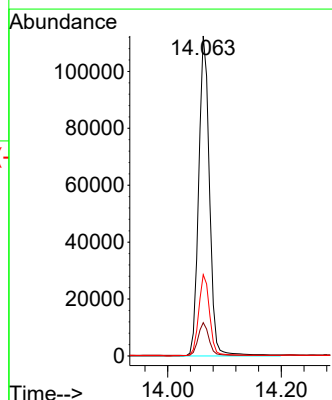
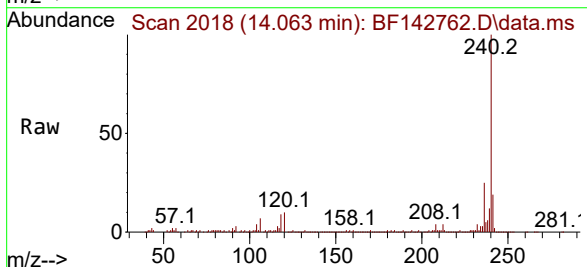
Instrument :
BNA_F
ClientSampleId :
HR-01-06042025

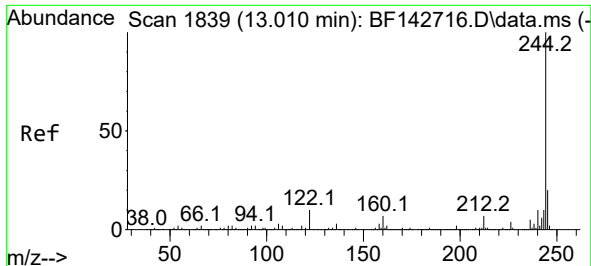
Tgt Ion:188 Resp: 130625
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.1 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142762.D
Acq: 12 Jun 2025 17:27

Tgt Ion:240 Resp: 149325
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 25.4 20.1 30.1

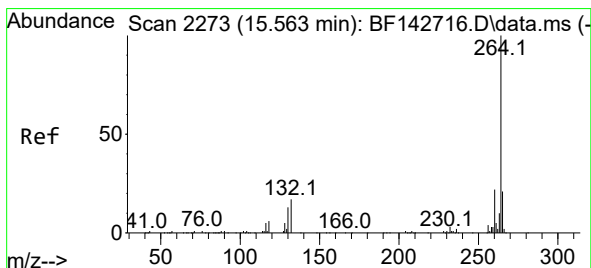
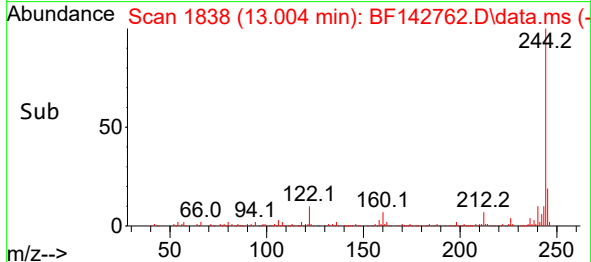
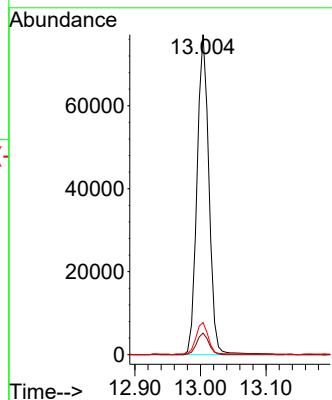
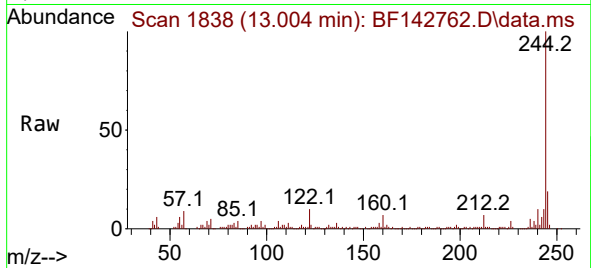




#79
 Terphenyl-d14
 Concen: 8.968 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF142762.D
 Acq: 12 Jun 2025 17:27

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-06042025

Tgt Ion:244 Resp: 97505
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142762.D
 Acq: 12 Jun 2025 17:27

Tgt Ion:264 Resp: 118919
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.8 26.6
 265 21.6 16.6 25.0

