

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142662.D
 Acq On : 06 Jun 2025 23:01
 Operator : RC/JU
 Sample : Q2208-28
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-09

Quant Time: Jun 07 00:37:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	127569	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	482926	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	264215	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	432355	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	245370	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	266520	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	531079	70.138	ng	0.00
7) Phenol-d6	6.516	99	684497	75.097	ng	-0.02
23) Nitrobenzene-d5	7.451	82	364639	41.173	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	211281	72.049	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	735829	37.370	ng	-0.02
79) Terphenyl-d14	13.004	244	708484	39.458	ng	-0.01

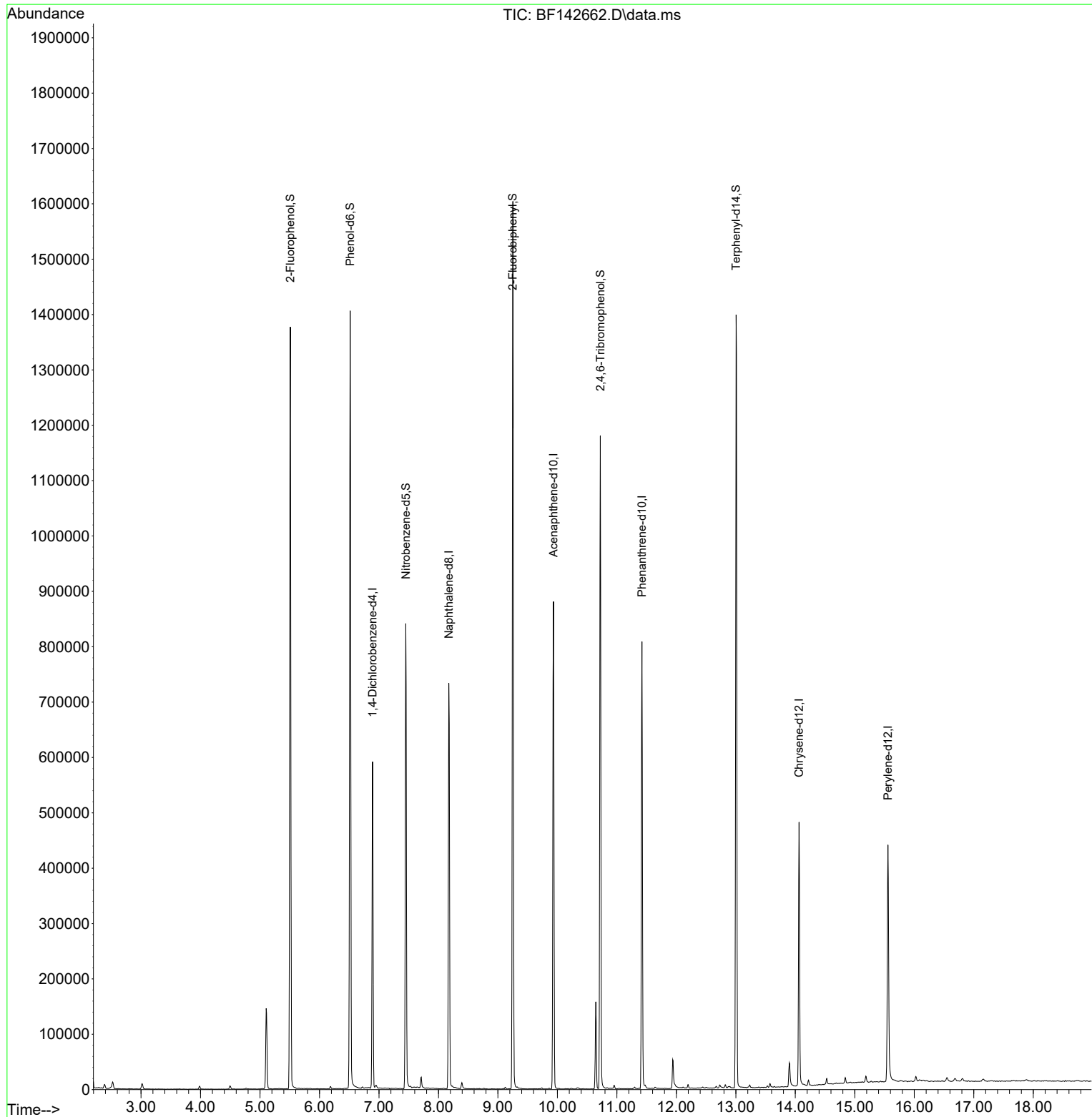
Target Compounds	Qvalue

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

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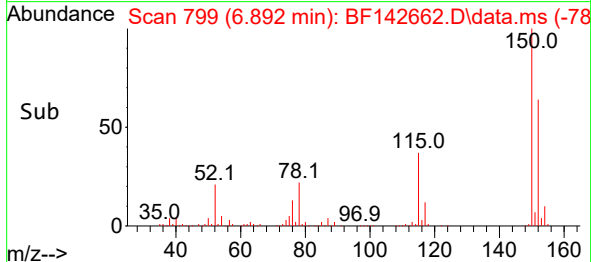
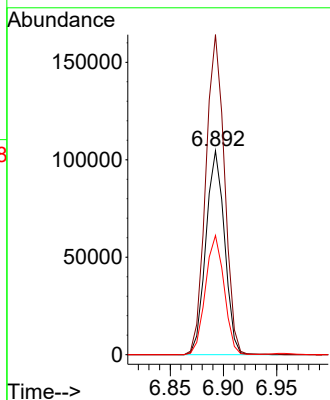
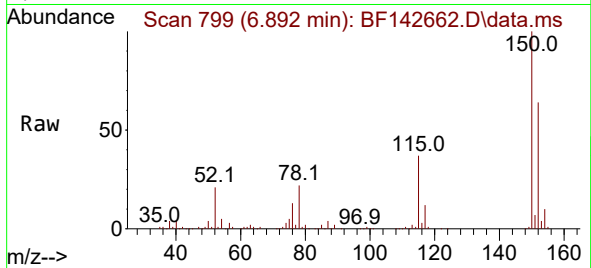




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF142662.D
Acq: 06 Jun 2025 23:01

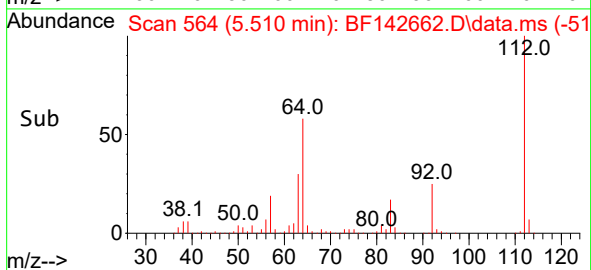
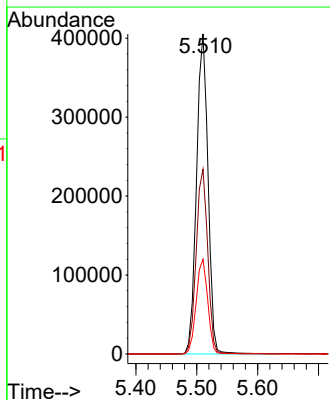
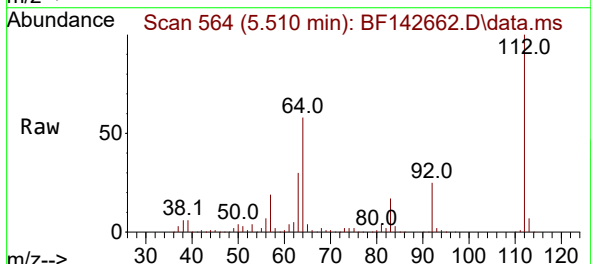
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-09

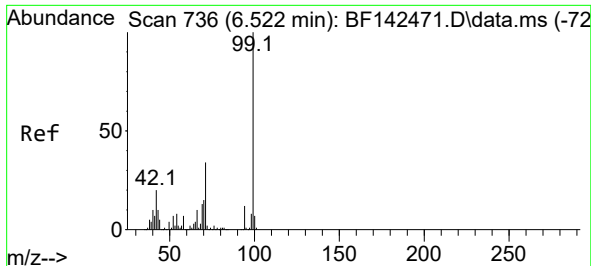
Tgt Ion:152 Resp: 127569
Ion Ratio Lower Upper
152 100
150 157.0 128.2 192.4
115 58.4 48.3 72.5



#5
2-Fluorophenol
Concen: 70.138 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142662.D
Acq: 06 Jun 2025 23:01

Tgt Ion:112 Resp: 531079
Ion Ratio Lower Upper
112 100
64 57.7 47.5 71.3
63 29.6 24.9 37.3

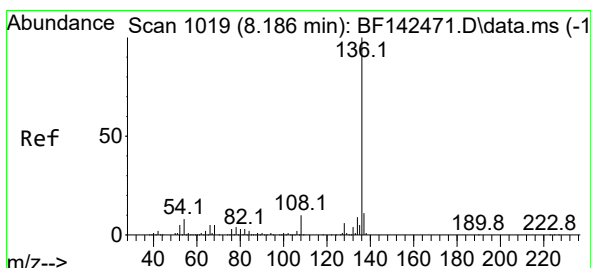
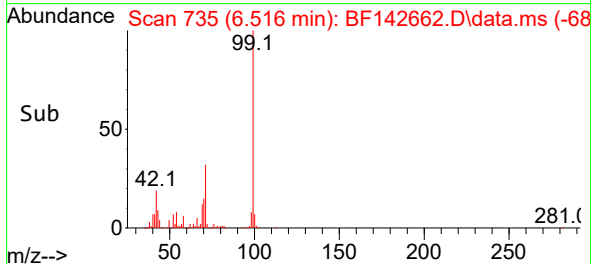
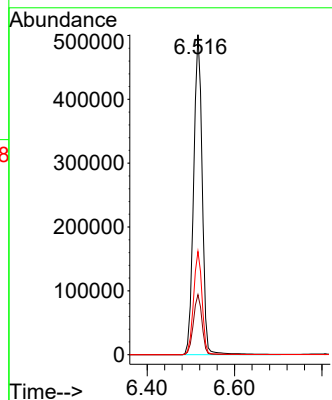
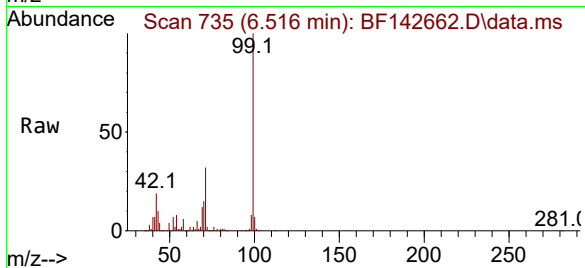




#7
Phenol-d6
Concen: 75.097 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142662.D
Acq: 06 Jun 2025 23:01

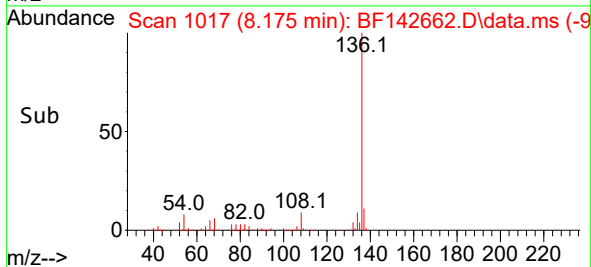
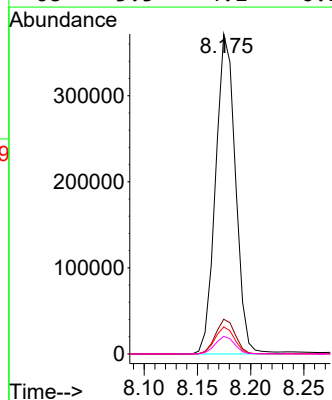
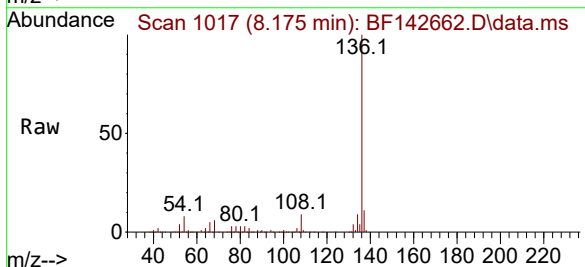
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-09

Tgt Ion: 99 Resp: 684497
Ion Ratio Lower Upper
99 100
42 18.8 16.2 24.2
71 32.3 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142662.D
Acq: 06 Jun 2025 23:01

Tgt Ion: 136 Resp: 482926
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.5 6.6 10.0
68 5.5 4.1 6.1

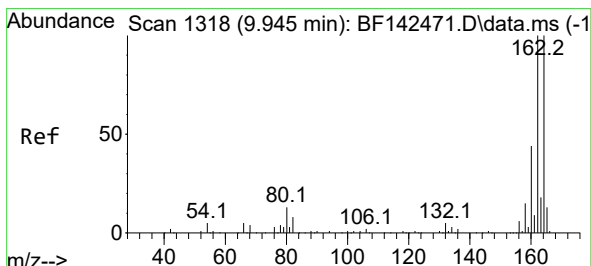
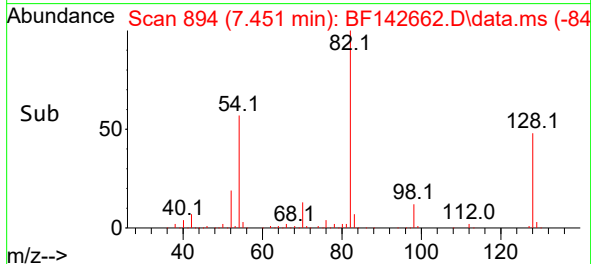
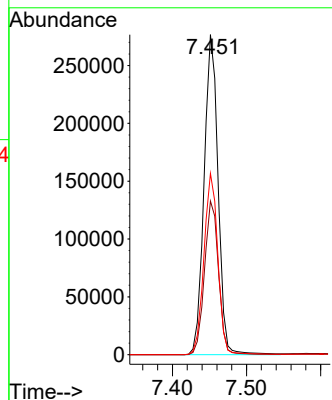
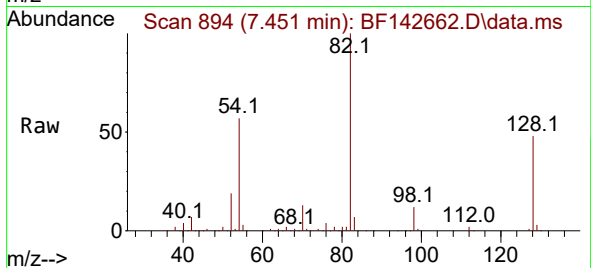




#23
Nitrobenzene-d5
Concen: 41.173 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.023 min
Lab File: BF142662.D
Acq: 06 Jun 2025 23:01

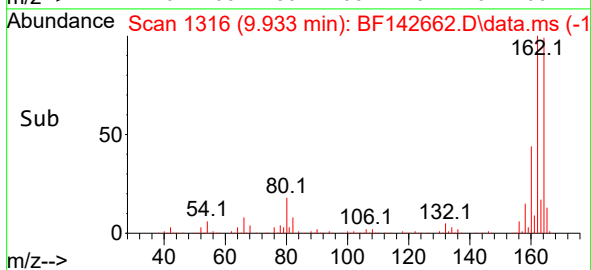
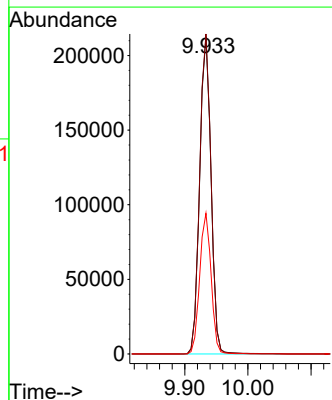
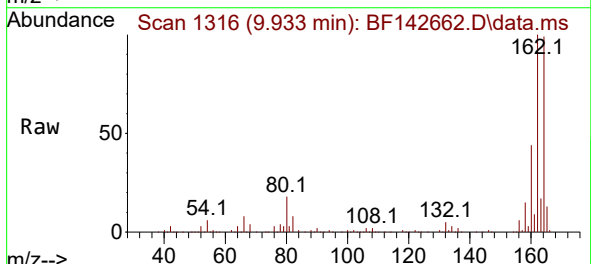
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-09

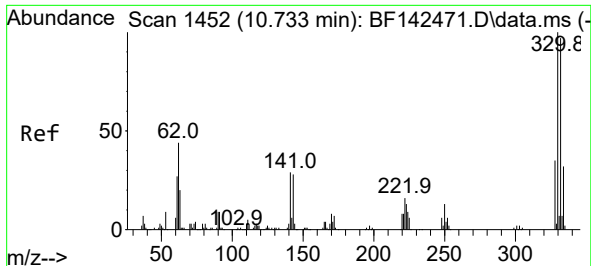
Tgt Ion: 82 Resp: 364639
Ion Ratio Lower Upper
82 100
128 48.0 37.4 56.2
54 56.7 46.6 70.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142662.D
Acq: 06 Jun 2025 23:01

Tgt Ion:164 Resp: 264215
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.4
160 44.3 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 72.049 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.018 min

Lab File: BF142662.D

Acq: 06 Jun 2025 23:01

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-09

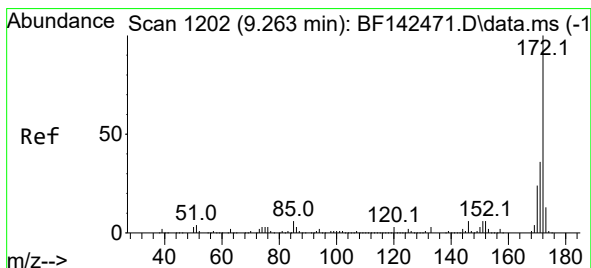
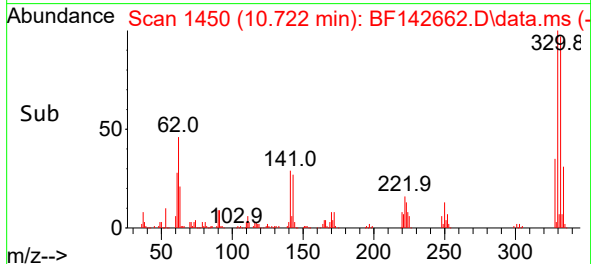
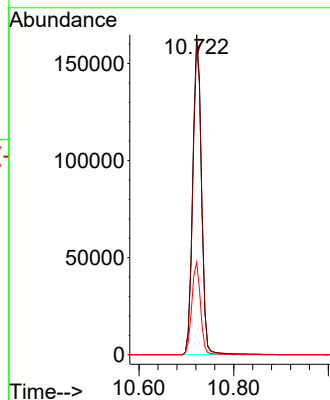
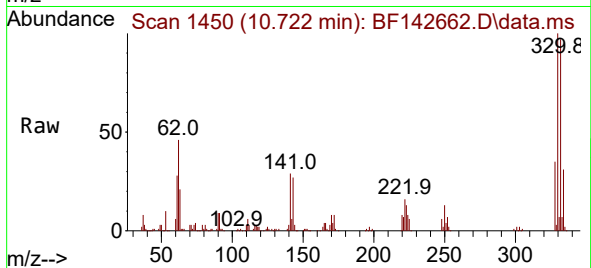
Tgt Ion:330 Resp: 211281

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 28.9 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 37.370 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF142662.D

Acq: 06 Jun 2025 23:01

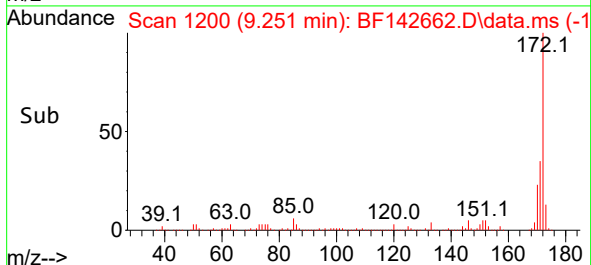
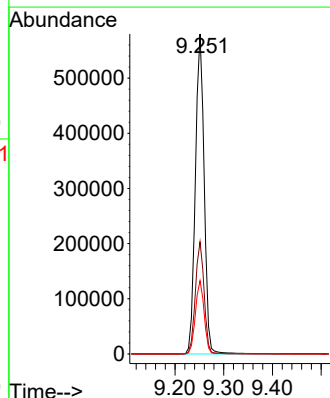
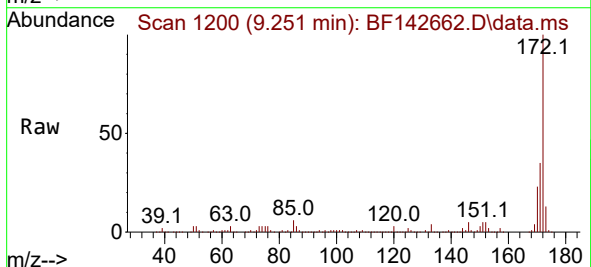
Tgt Ion:172 Resp: 735829

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 22.9 18.9 28.3

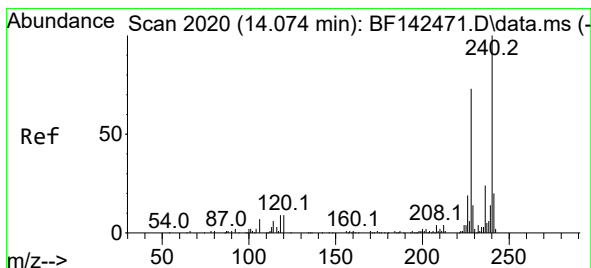
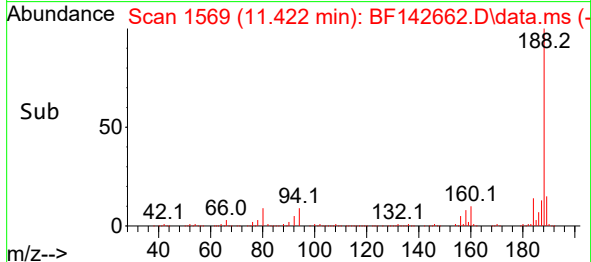
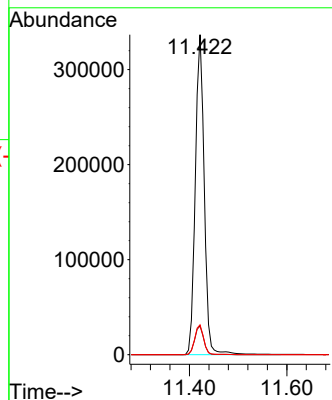
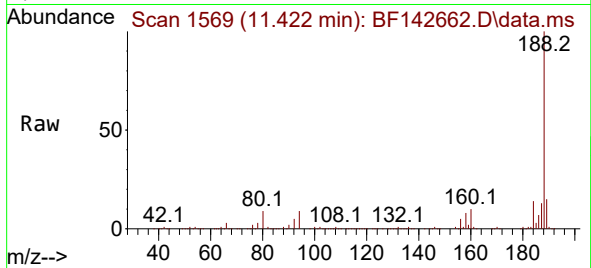




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142662.D
Acq: 06 Jun 2025 23:01

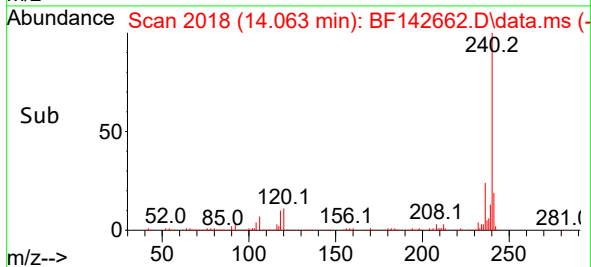
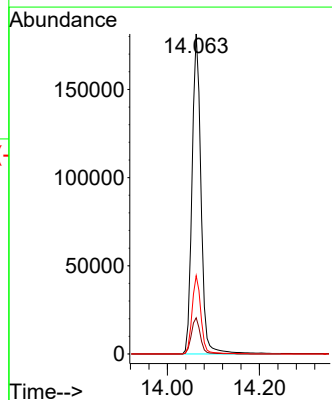
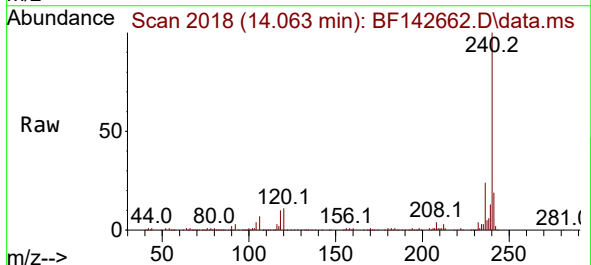
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-09

Tgt Ion:188 Resp: 432355
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.3 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142662.D
Acq: 06 Jun 2025 23:01

Tgt Ion:240 Resp: 245370
Ion Ratio Lower Upper
240 100
120 11.3 7.5 11.3#
236 24.4 19.6 29.4

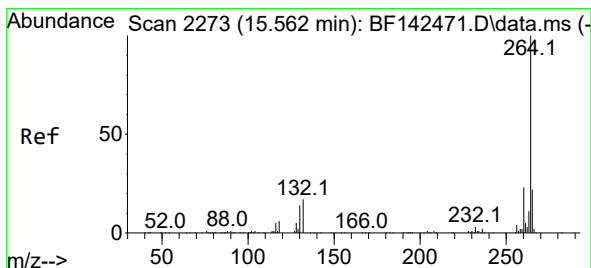
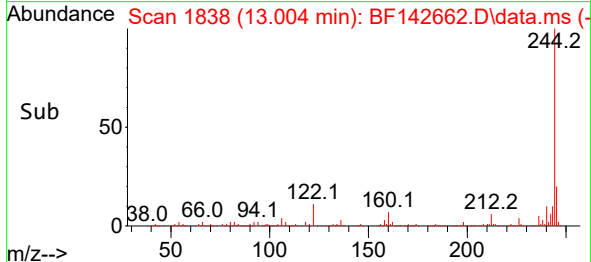
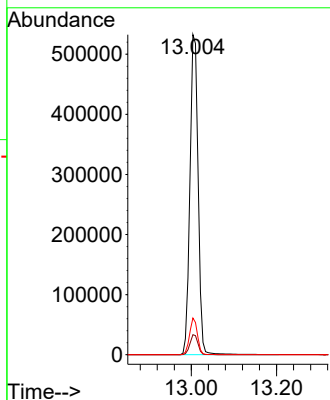
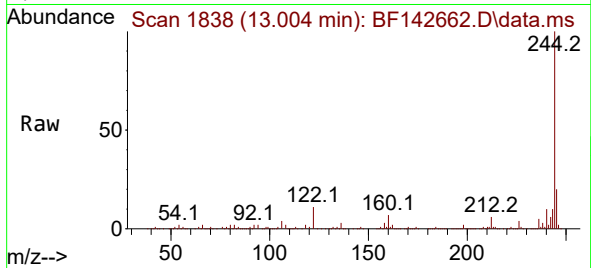




#79
 Terphenyl-d14
 Concen: 39.458 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF142662.D
 Acq: 06 Jun 2025 23:01

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-09

Tgt Ion:244 Resp: 708484
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 11.5 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142662.D
 Acq: 06 Jun 2025 23:01

Tgt Ion:264 Resp: 266520
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.2 17.7 26.5

