

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142654.D
 Acq On : 06 Jun 2025 19:02
 Operator : RC/JU
 Sample : Q2207-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-02

Quant Time: Jun 06 22:56:41 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	122851	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	468464	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	241665	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	350985	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	226350	20.000	ng	-0.01
86) Perylene-d12	15.562	264	272940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	691419	94.820	ng	0.00
7) Phenol-d6	6.522	99	979821	111.626	ng	-0.01
23) Nitrobenzene-d5	7.451	82	428527	49.880	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	275384	102.672	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	741082	41.149	ng	-0.02
79) Terphenyl-d14	13.009	244	861820	52.031	ng	0.00

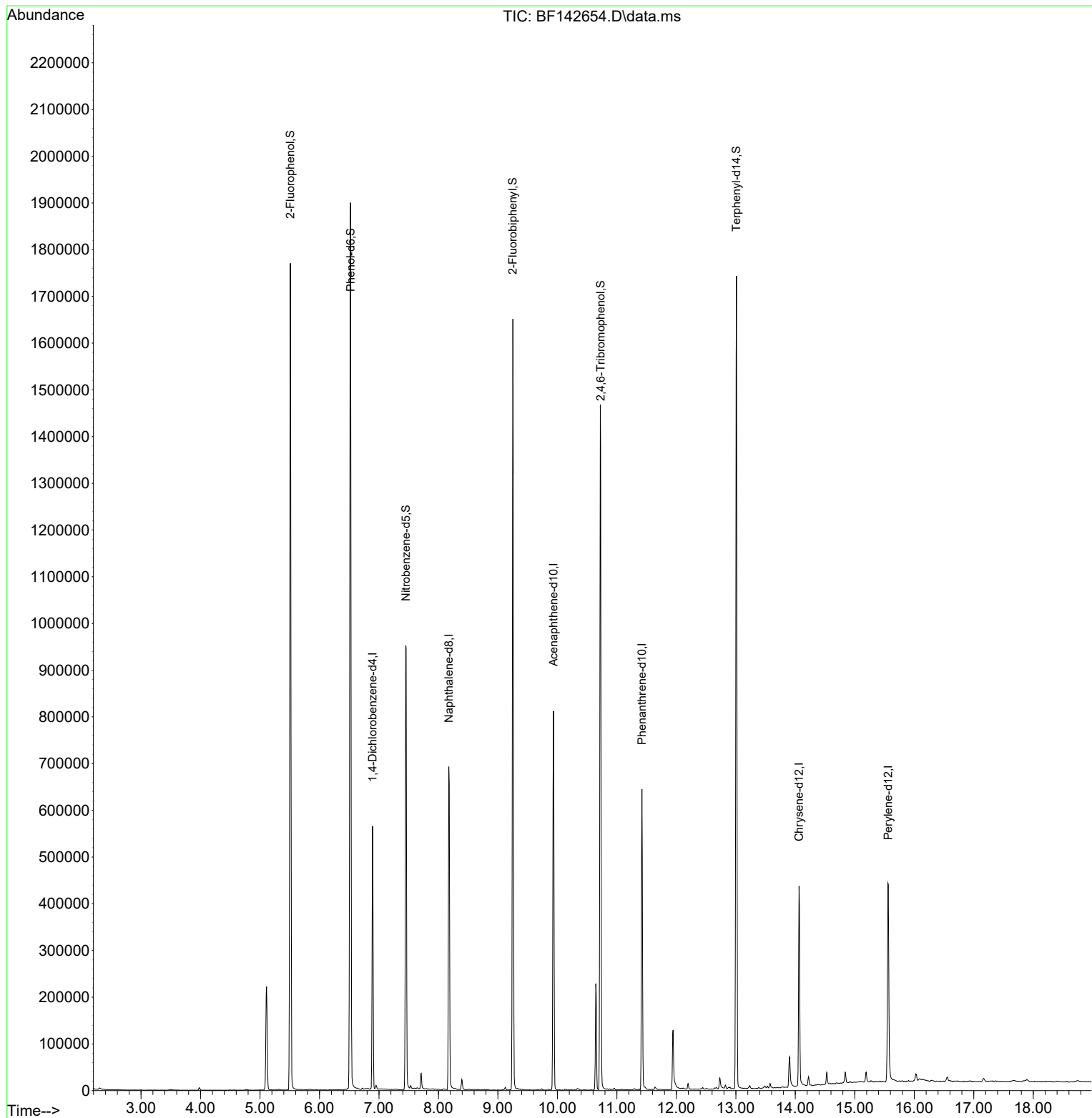
Target Compounds	Qvalue

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

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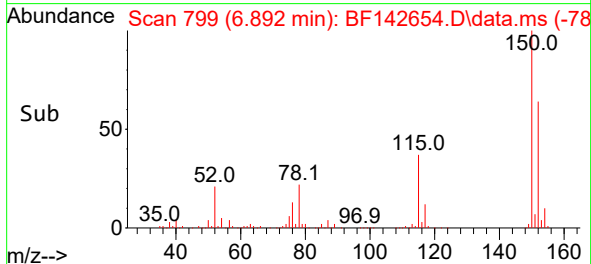
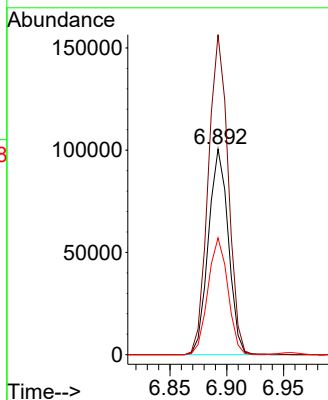
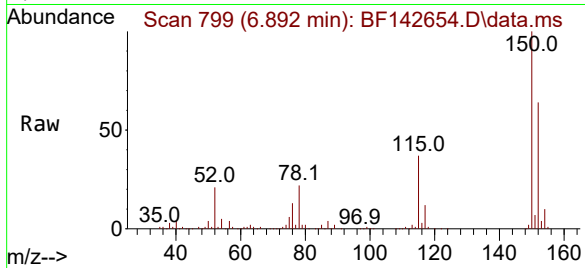




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF142654.D
Acq: 06 Jun 2025 19:02

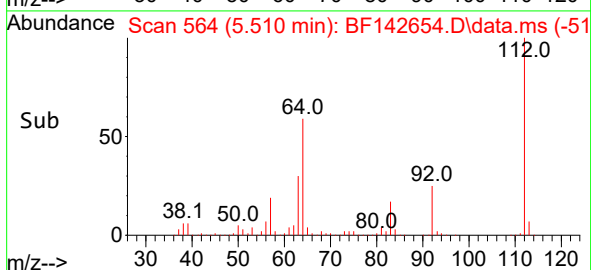
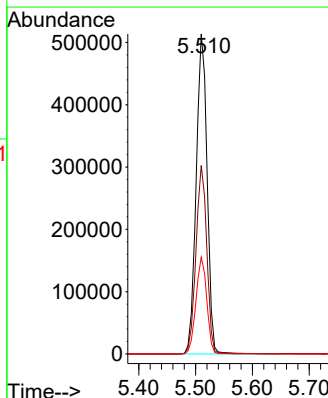
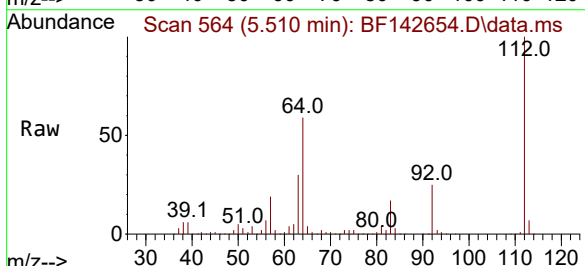
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-02

Tgt Ion:152 Resp: 122851
Ion Ratio Lower Upper
152 100
150 155.6 128.2 192.4
115 56.8 48.3 72.5



#5
2-Fluorophenol
Concen: 94.820 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142654.D
Acq: 06 Jun 2025 19:02

Tgt Ion:112 Resp: 691419
Ion Ratio Lower Upper
112 100
64 58.9 47.5 71.3
63 30.3 24.9 37.3

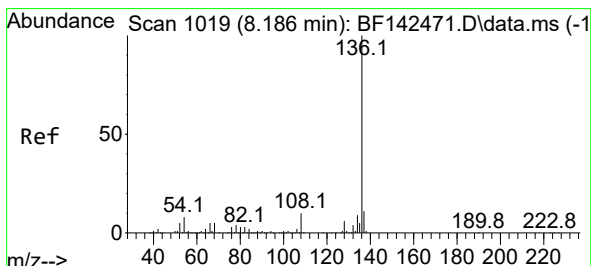
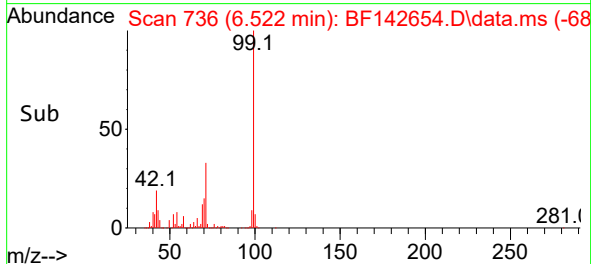
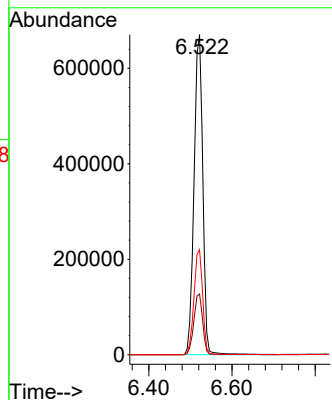
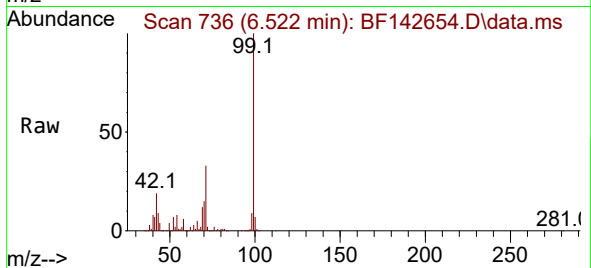




#7
Phenol-d6
Concen: 111.626 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142654.D
Acq: 06 Jun 2025 19:02

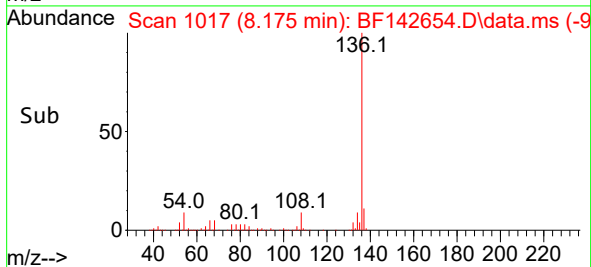
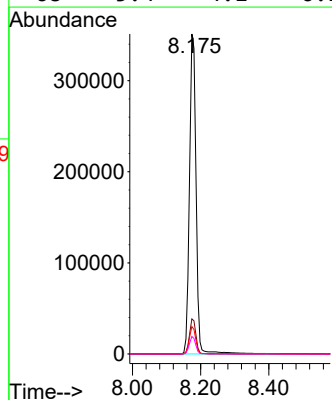
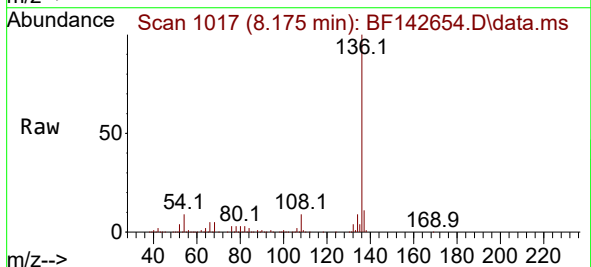
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-02

Tgt Ion: 99 Resp: 979821
Ion Ratio Lower Upper
99 100
42 18.9 16.2 24.2
71 32.8 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: BF142654.D
Acq: 06 Jun 2025 19:02

Tgt Ion: 136 Resp: 468464
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 6.6 10.0
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 49.880 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.024 min

Lab File: BF142654.D

Acq: 06 Jun 2025 19:02

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-02

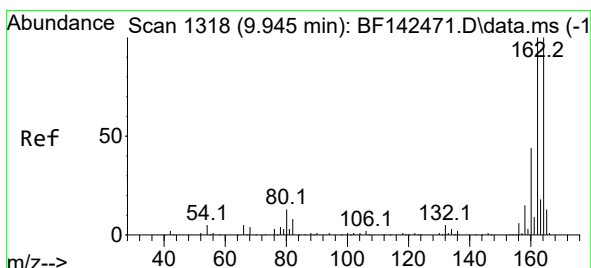
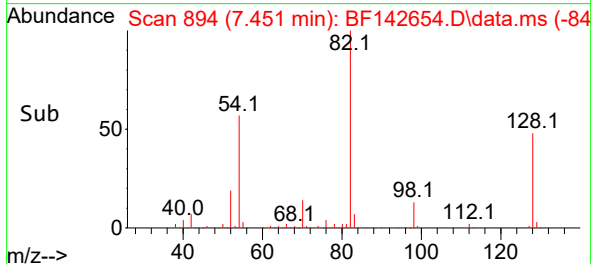
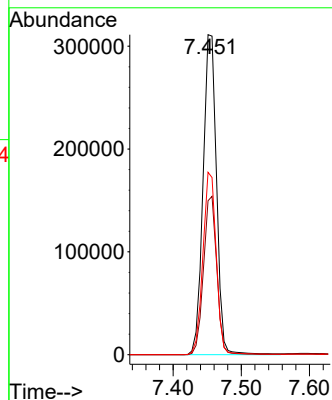
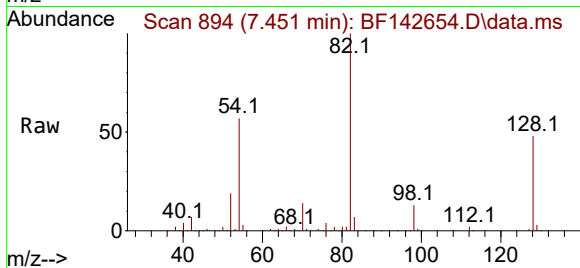
Tgt Ion: 82 Resp: 428527

Ion Ratio Lower Upper

82 100

128 48.1 37.4 56.2

54 57.0 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: BF142654.D

Acq: 06 Jun 2025 19:02

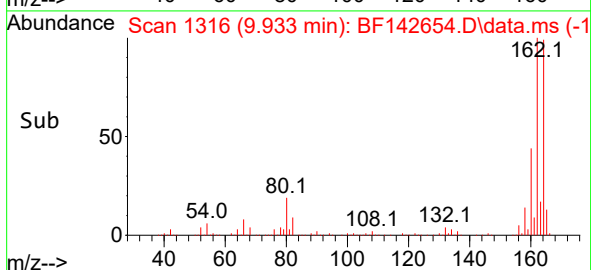
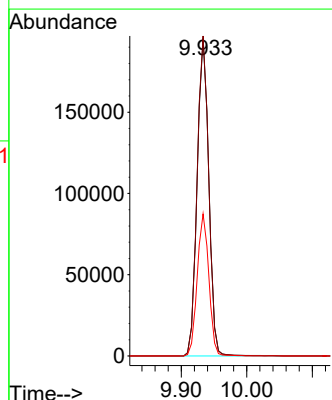
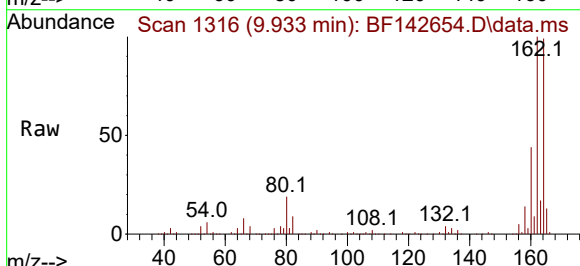
Tgt Ion:164 Resp: 241665

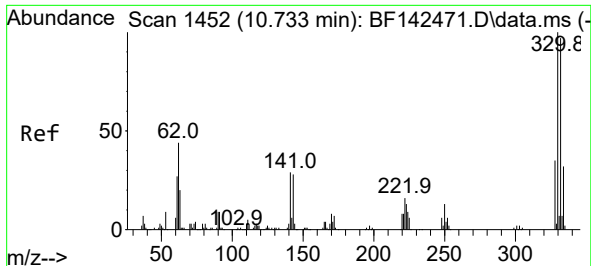
Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.4

160 44.8 35.6 53.4

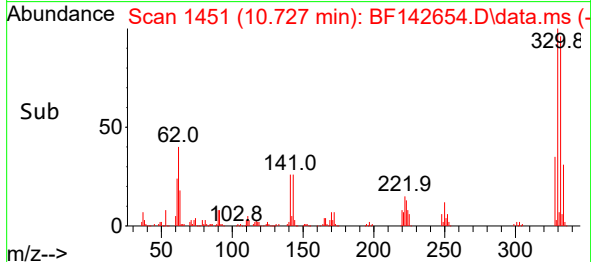
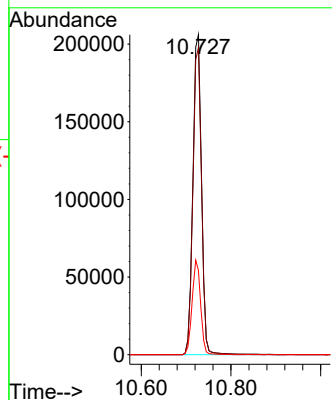
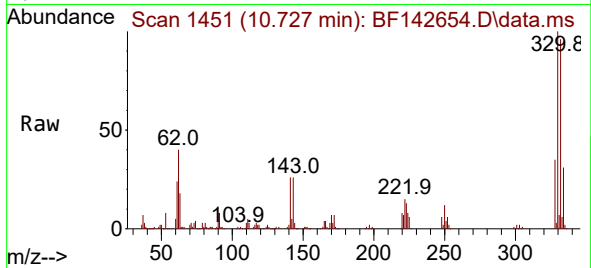




#42
 2,4,6-Tribromophenol
 Concen: 102.672 ng
 RT: 10.727 min Scan# 1451
 Delta R.T. -0.012 min
 Lab File: BF142654.D
 Acq: 06 Jun 2025 19:02

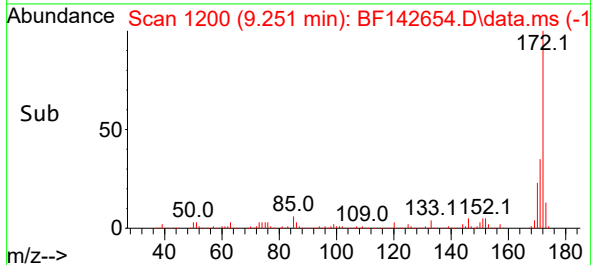
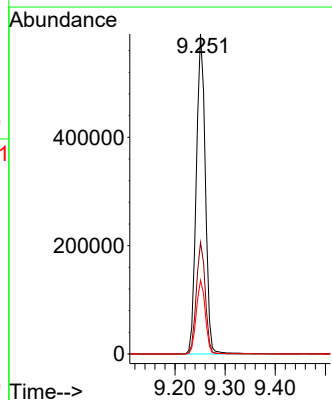
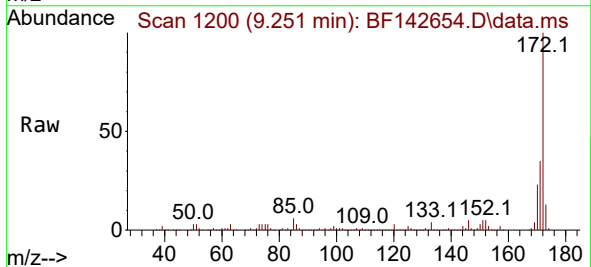
Instrument :
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 BU-703-COMP-02

Tgt Ion:330 Resp: 275384
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.6 116.4
 141 29.0 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 41.149 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. -0.018 min
 Lab File: BF142654.D
 Acq: 06 Jun 2025 19:02

Tgt Ion:172 Resp: 741082
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.1 18.9 28.3

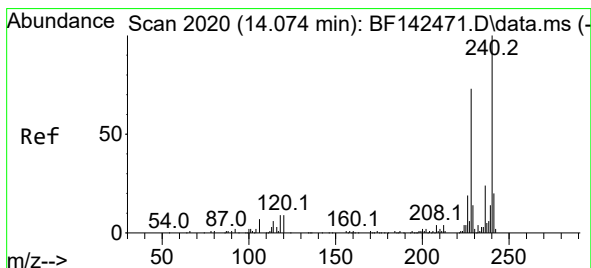
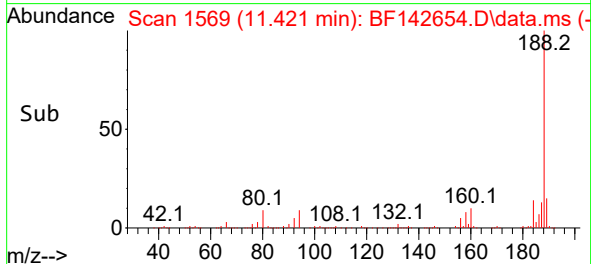
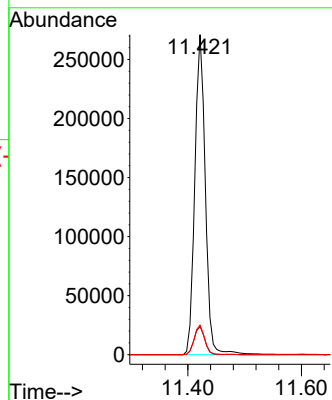
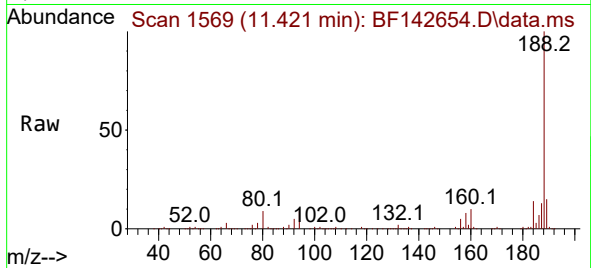




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142654.D
Acq: 06 Jun 2025 19:02

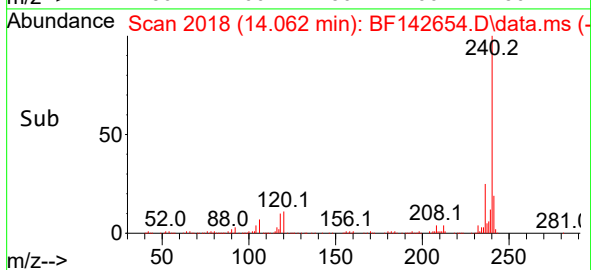
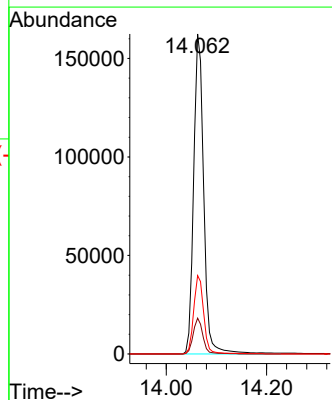
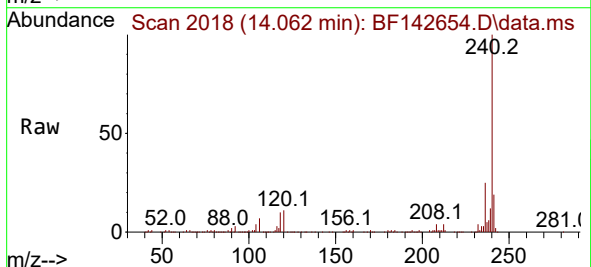
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-02

Tgt Ion:188 Resp: 350985
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.3 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142654.D
Acq: 06 Jun 2025 19:02

Tgt Ion:240 Resp: 226350
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 24.5 19.6 29.4

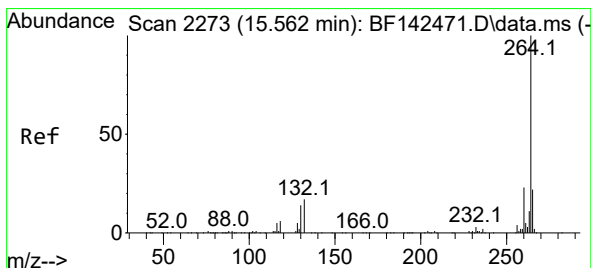
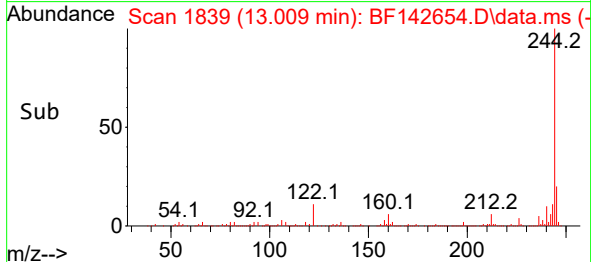
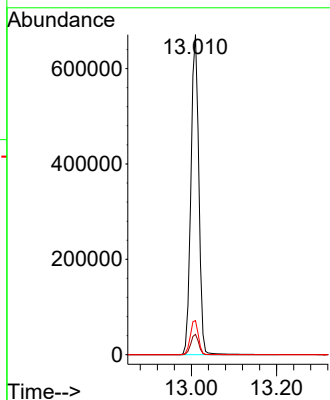
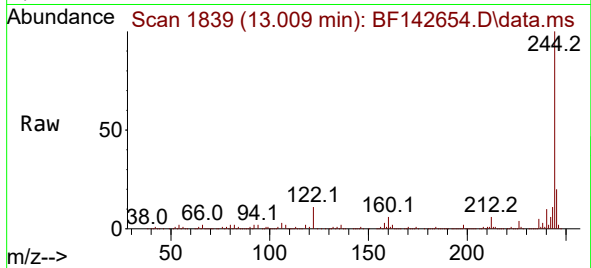




#79
 Terphenyl-d14
 Concen: 52.031 ng
 RT: 13.009 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142654.D
 Acq: 06 Jun 2025 19:02

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-02

Tgt Ion:244 Resp: 861820
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142654.D
 Acq: 06 Jun 2025 19:02

Tgt Ion:264 Resp: 272940
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.4 17.7 26.5

