

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142655.D
 Acq On : 06 Jun 2025 19:32
 Operator : RC/JU
 Sample : Q2207-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-03

Quant Time: Jun 06 22:56:55 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	129122	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	488126	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	258832	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	395473	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	245840	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	286002	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	790914	103.197	ng	0.00
7) Phenol-d6	6.522	99	1064096	115.339	ng	-0.01
23) Nitrobenzene-d5	7.457	82	564580	63.070	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	285263	99.301	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1056063	54.749	ng	-0.02
79) Terphenyl-d14	13.010	244	1022461	56.835	ng	0.00

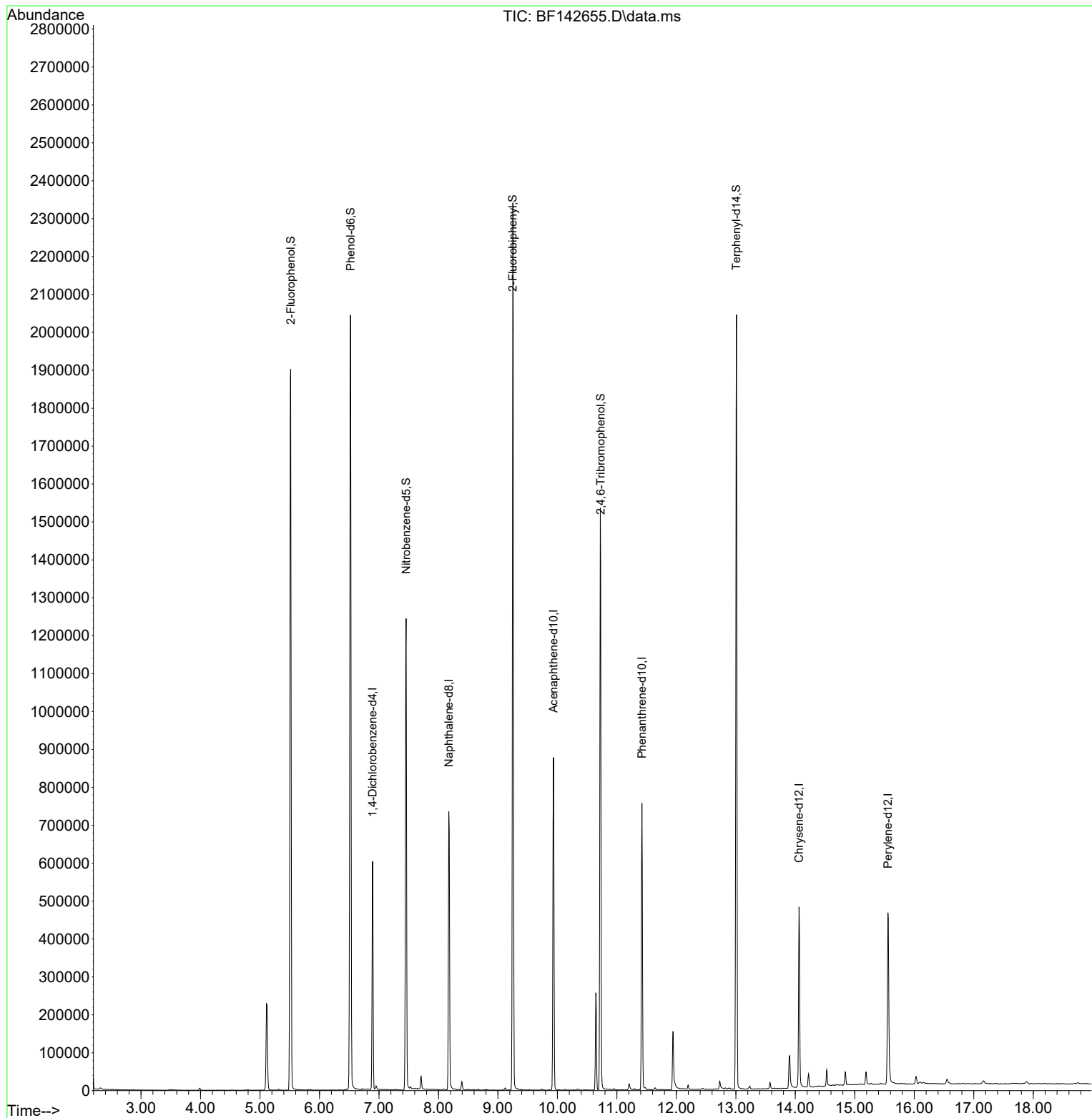
Target Compounds	Qvalue

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

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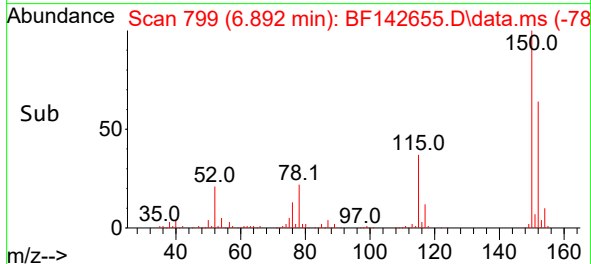
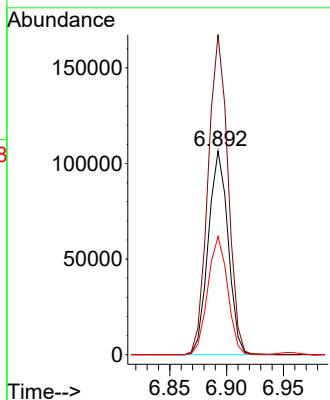
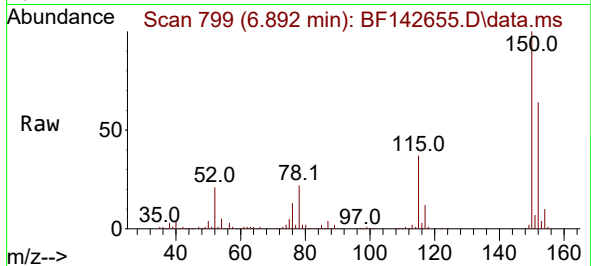




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF142655.D
Acq: 06 Jun 2025 19:32

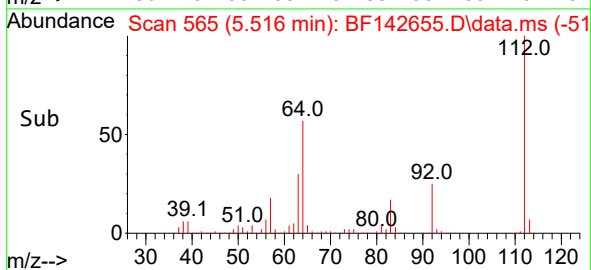
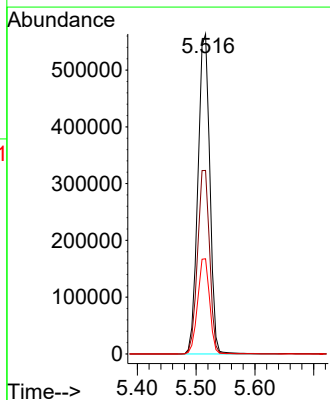
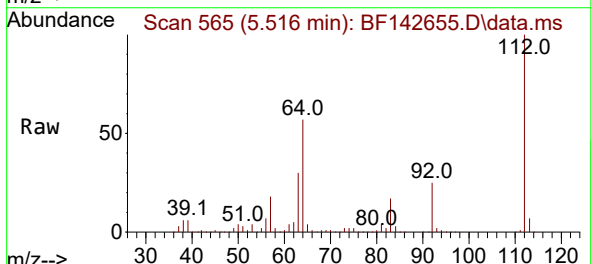
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-03

Tgt Ion:152 Resp: 129122
Ion Ratio Lower Upper
152 100
150 157.1 128.2 192.4
115 58.1 48.3 72.5



#5
2-Fluorophenol
Concen: 103.197 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142655.D
Acq: 06 Jun 2025 19:32

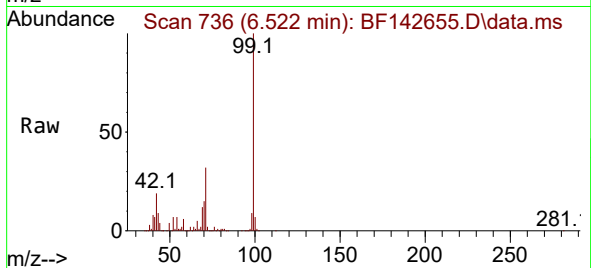
Tgt Ion:112 Resp: 790914
Ion Ratio Lower Upper
112 100
64 57.4 47.5 71.3
63 29.8 24.9 37.3





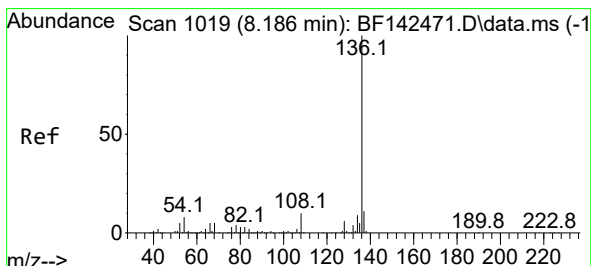
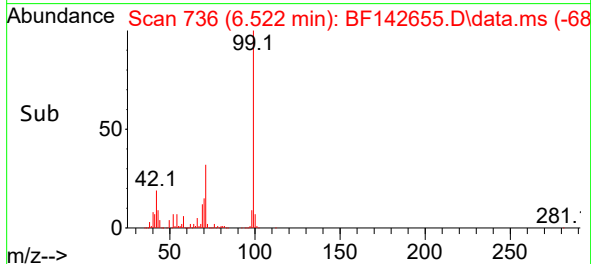
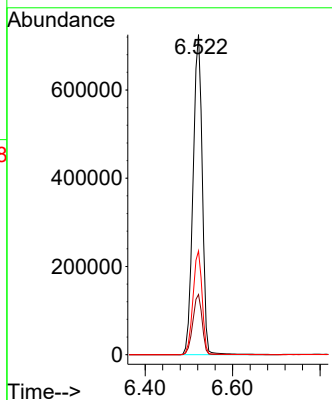
#7
Phenol-d6
Concen: 115.339 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142655.D
Acq: 06 Jun 2025 19:32

Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-03



Tgt Ion: 99 Resp: 1064096

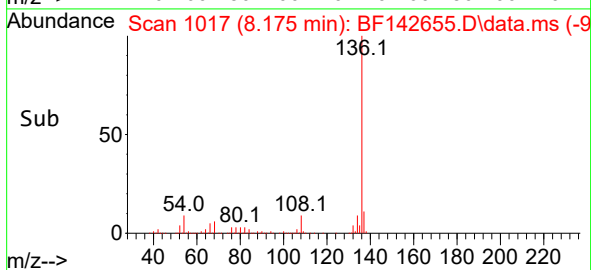
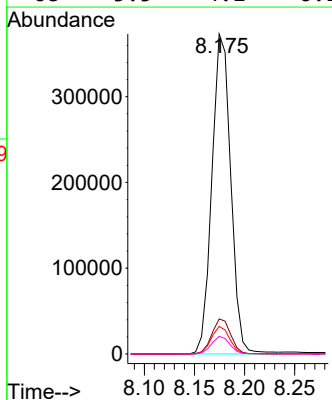
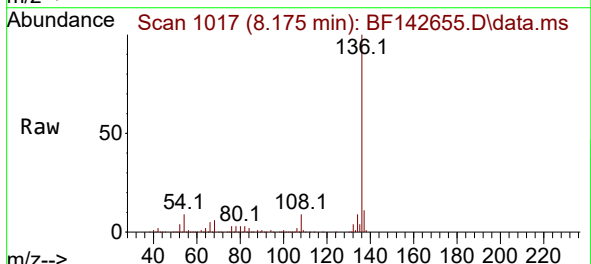
Ion	Ratio	Lower	Upper
99	100		
42	18.8	16.2	24.2
71	32.4	27.3	40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142655.D
Acq: 06 Jun 2025 19:32

Tgt Ion: 136 Resp: 488126

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.6	6.6	10.0
68	5.5	4.1	6.1





#23

Nitrobenzene-d5

Concen: 63.070 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF142655.D

Acq: 06 Jun 2025 19:32

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-03

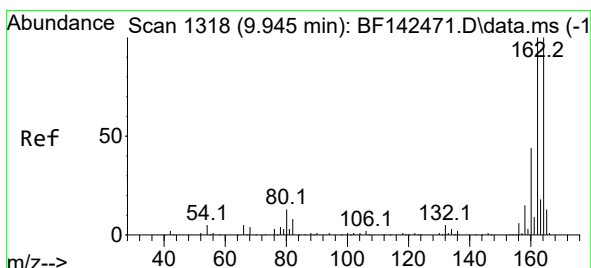
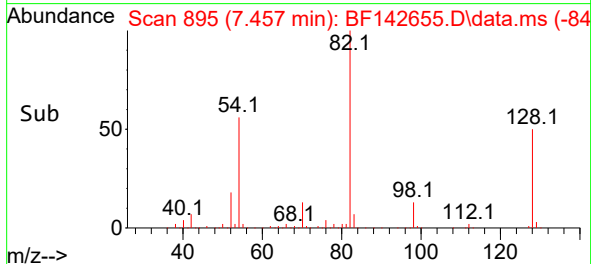
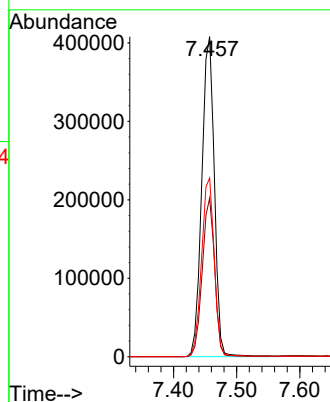
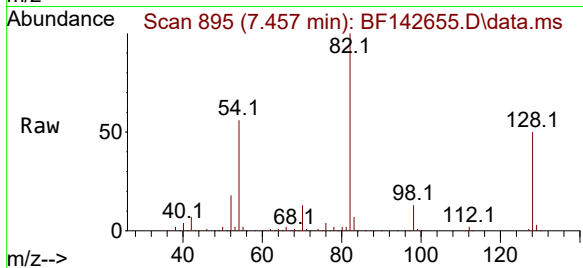
Tgt Ion: 82 Resp: 564580

Ion Ratio Lower Upper

82 100

128 49.6 37.4 56.2

54 55.8 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: BF142655.D

Acq: 06 Jun 2025 19:32

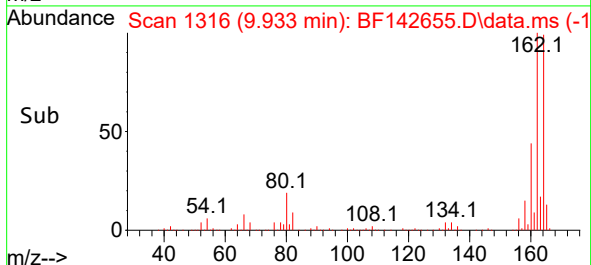
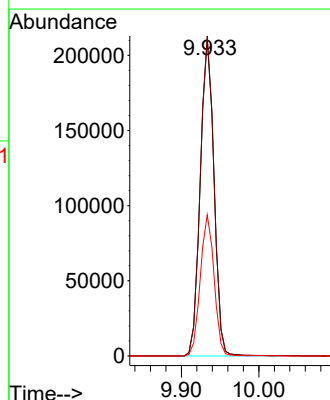
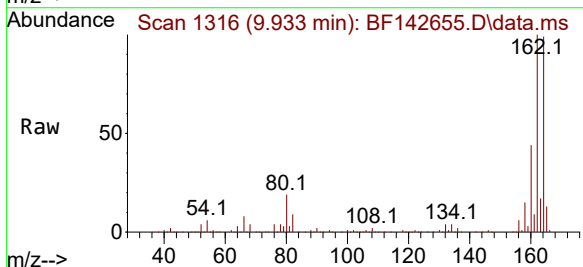
Tgt Ion:164 Resp: 258832

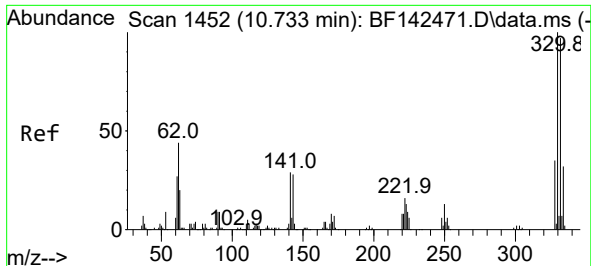
Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.4

160 44.5 35.6 53.4

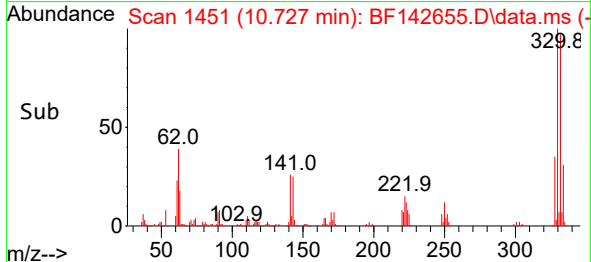
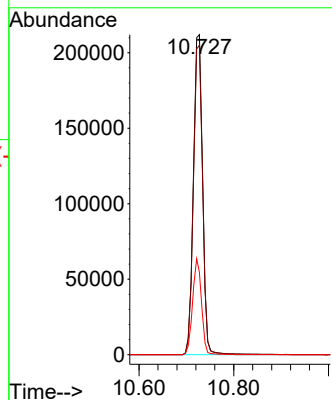
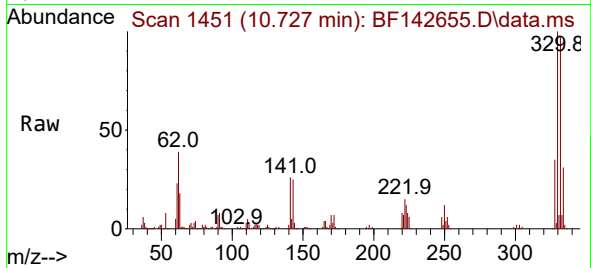




#42
2,4,6-Tribromophenol
Concen: 99.301 ng
RT: 10.727 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF142655.D
Acq: 06 Jun 2025 19:32

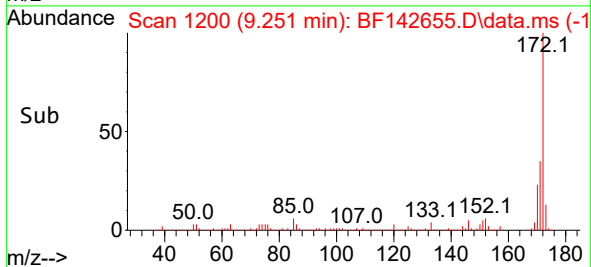
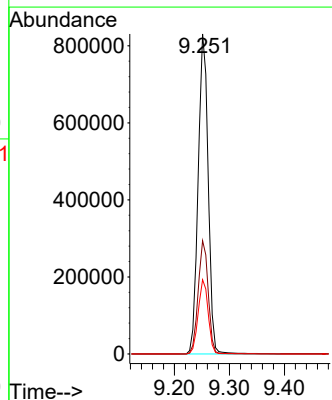
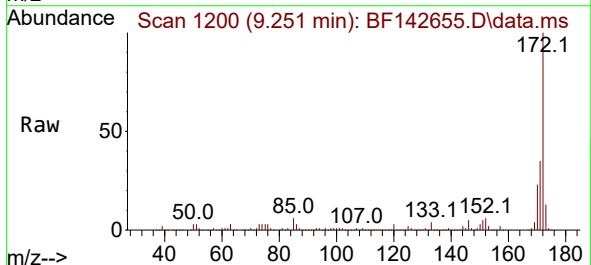
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-03

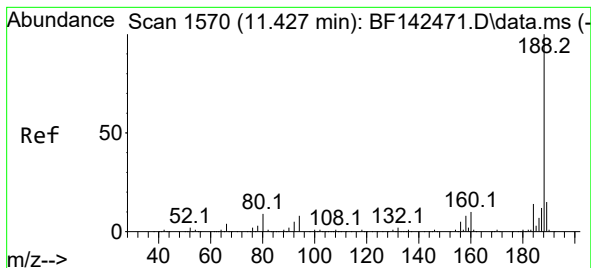
Tgt Ion:330 Resp: 285263
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 28.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 54.749 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF142655.D
Acq: 06 Jun 2025 19:32

Tgt Ion:172 Resp: 1056063
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142655.D

Acq: 06 Jun 2025 19:32

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-03

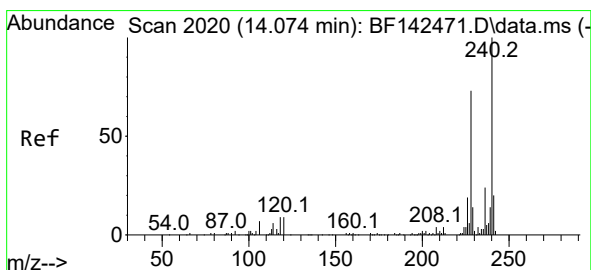
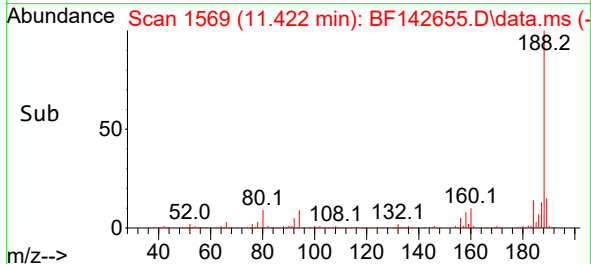
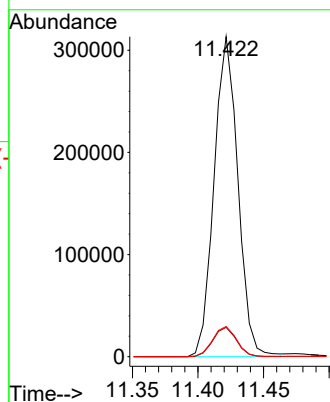
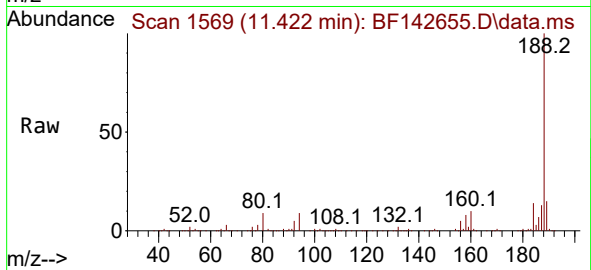
Tgt Ion:188 Resp: 395473

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

80 9.4 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: BF142655.D

Acq: 06 Jun 2025 19:32

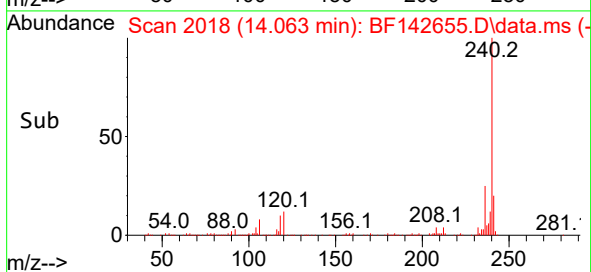
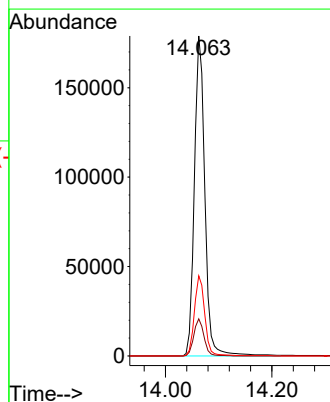
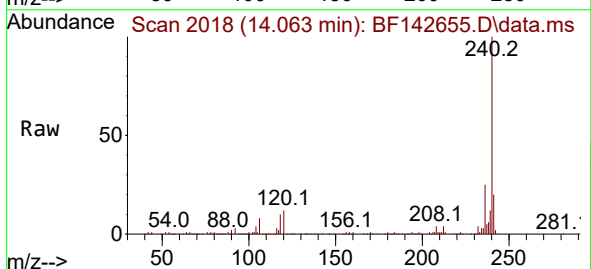
Tgt Ion:240 Resp: 245840

Ion Ratio Lower Upper

240 100

120 11.6 7.5 11.3#

236 25.1 19.6 29.4

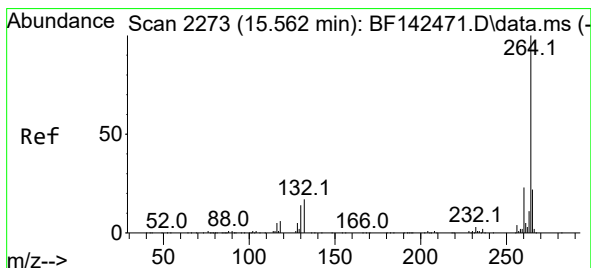
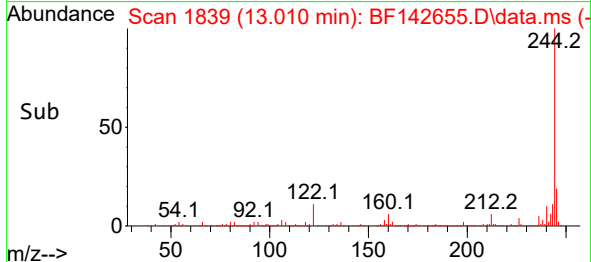
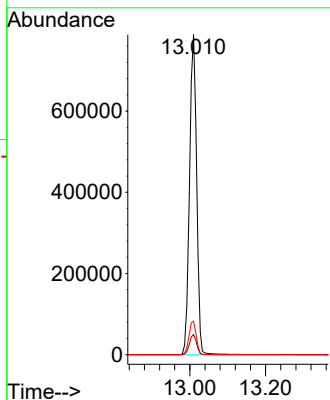
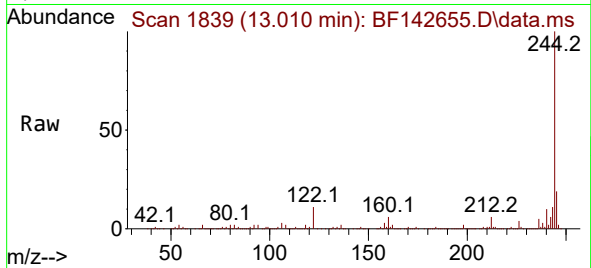




#79
 Terphenyl-d14
 Concen: 56.835 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142655.D
 Acq: 06 Jun 2025 19:32

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-03

Tgt Ion:244 Resp: 1022461
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 10.5 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: BF142655.D
 Acq: 06 Jun 2025 19:32

Tgt Ion:264 Resp: 286002
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.0 17.7 26.5

