

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142649.D
 Acq On : 06 Jun 2025 16:30
 Operator : RC/JU
 Sample : Q2207-28
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-04

Quant Time: Jun 06 16:57:45 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	132823	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	511876	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	264278	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	390650	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	247417	20.000	ng	-0.01
86) Perylene-d12	15.562	264	291616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	490775	62.251	ng	0.00
7) Phenol-d6	6.516	99	654578	68.974	ng	-0.02
23) Nitrobenzene-d5	7.451	82	321840	34.285	ng	-0.02
42) 2,4,6-Tribromophenol	10.721	330	187274	63.847	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	653330	33.173	ng	-0.02
79) Terphenyl-d14	13.010	244	635059	35.076	ng	0.00

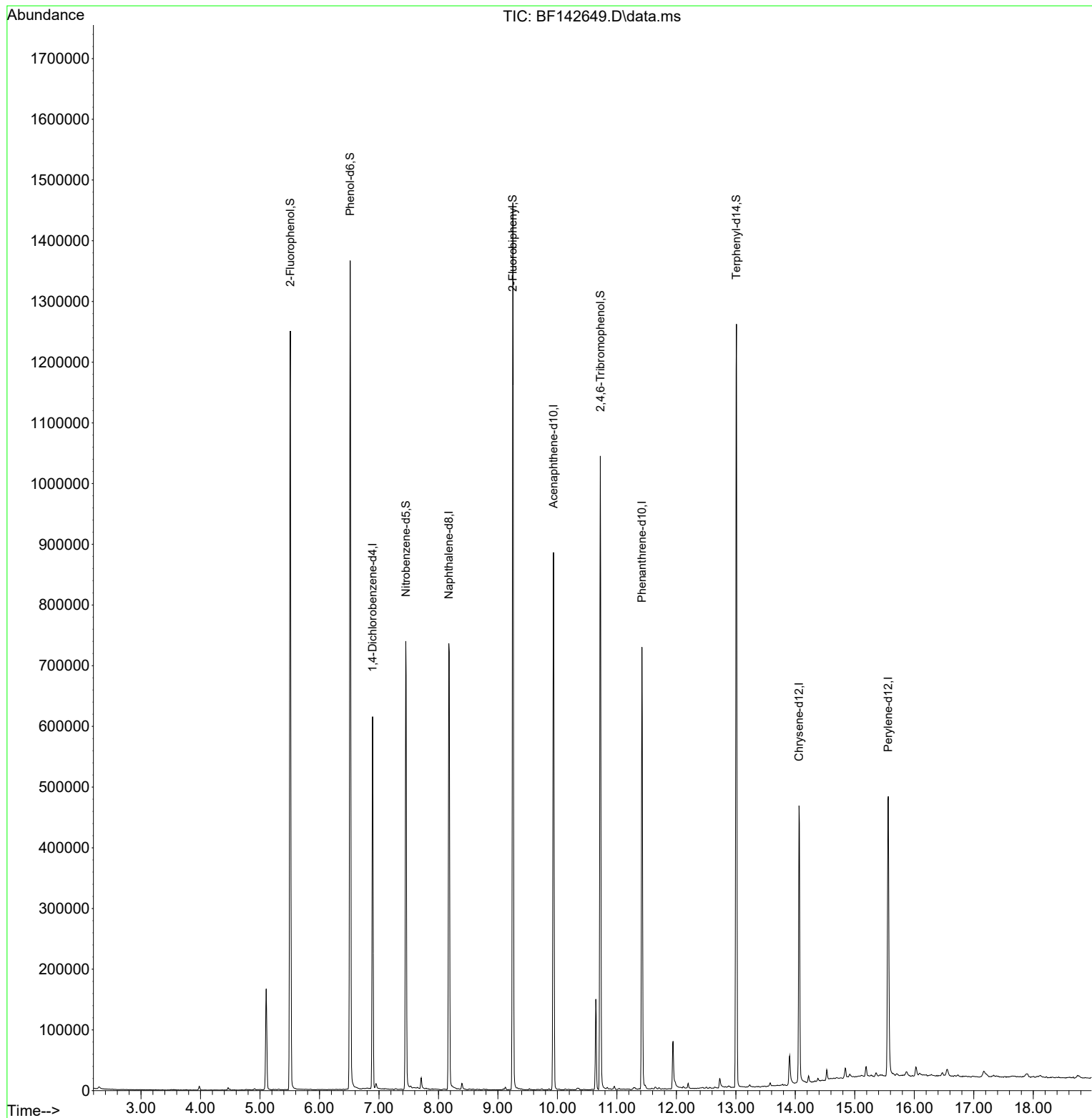
Target Compounds	Qvalue

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

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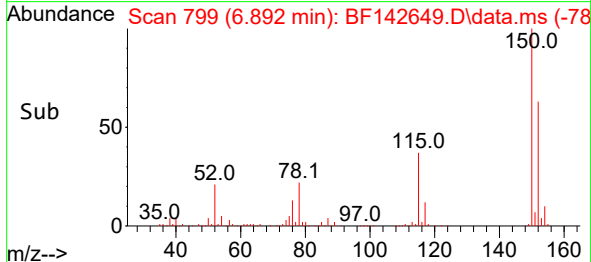
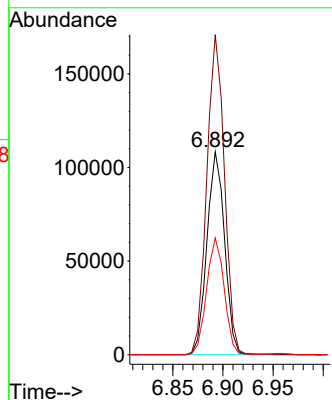
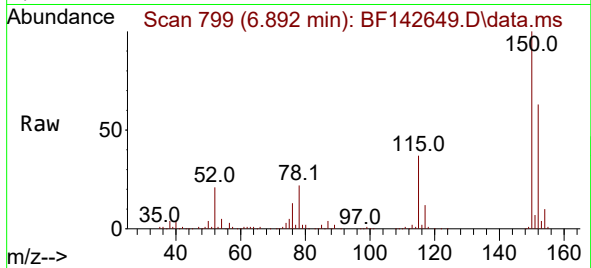




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF142649.D
Acq: 06 Jun 2025 16:30

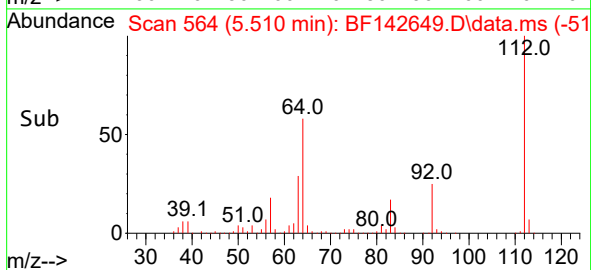
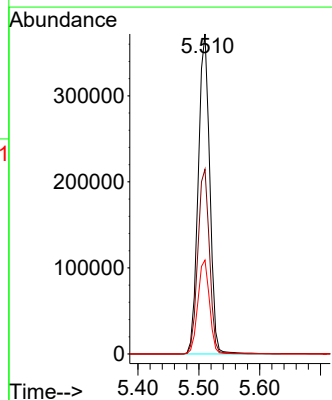
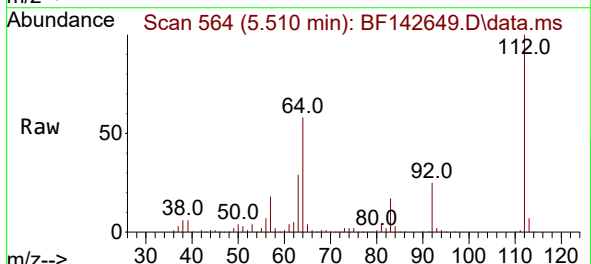
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-04

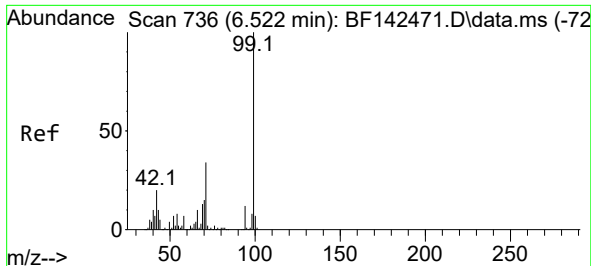
Tgt Ion:152 Resp: 132823
Ion Ratio Lower Upper
152 100
150 157.8 128.2 192.4
115 57.6 48.3 72.5



#5
2-Fluorophenol
Concen: 62.251 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142649.D
Acq: 06 Jun 2025 16:30

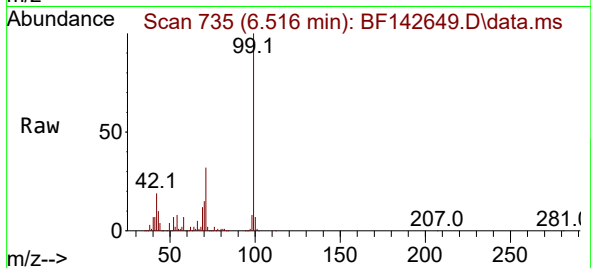
Tgt Ion:112 Resp: 490775
Ion Ratio Lower Upper
112 100
64 57.7 47.5 71.3
63 29.4 24.9 37.3



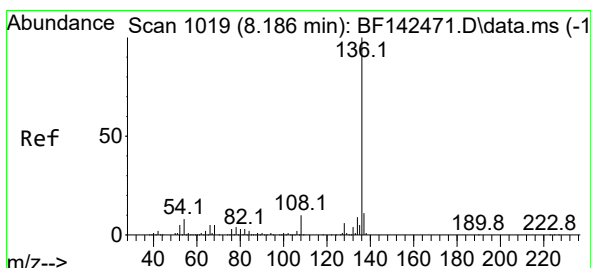
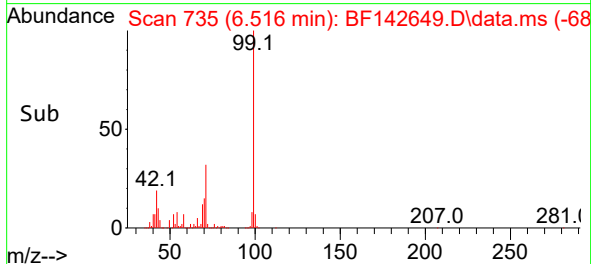
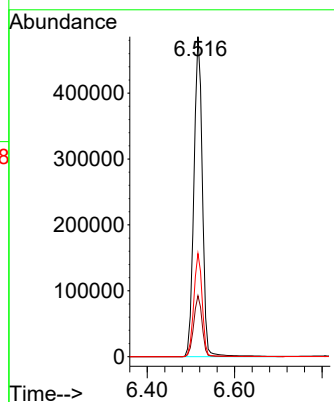


#7
Phenol-d6
Concen: 68.974 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142649.D
Acq: 06 Jun 2025 16:30

Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-04

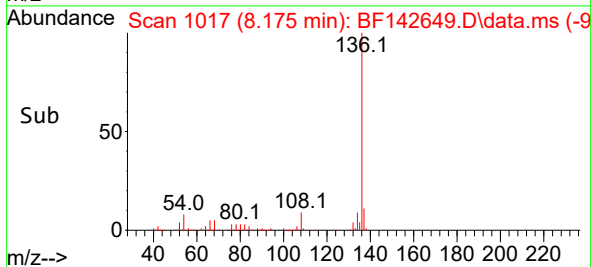
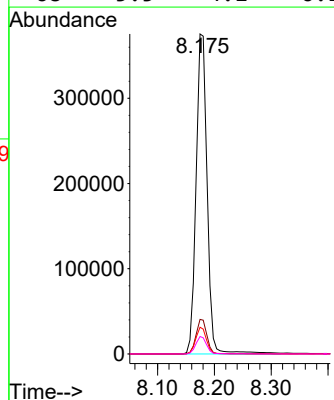
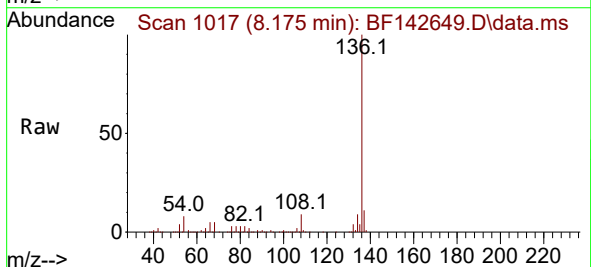


Tgt Ion: 99 Resp: 654578
Ion Ratio Lower Upper
99 100
42 19.0 16.2 24.2
71 32.2 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142649.D
Acq: 06 Jun 2025 16:30

Tgt Ion: 136 Resp: 511876
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 6.6 10.0
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 34.285 ng

RT: 7.451 min Scan# 896

Delta R.T. -0.024 min

Lab File: BF142649.D

Acq: 06 Jun 2025 16:30

Instrument :

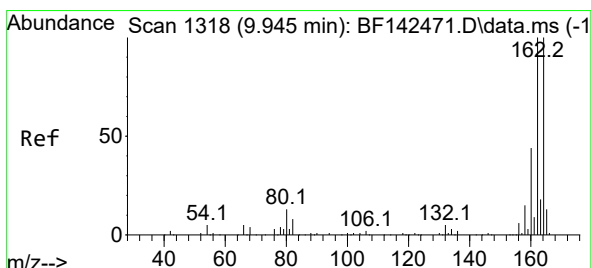
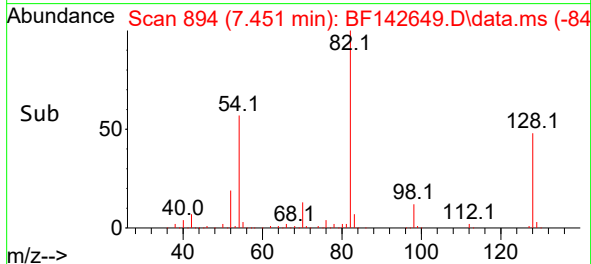
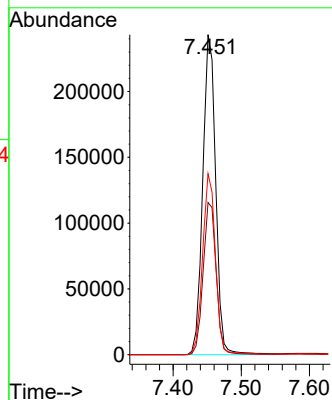
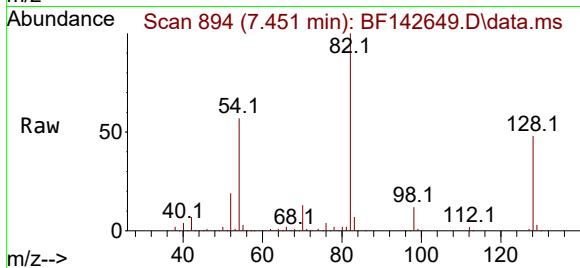
BNA_F

ClientSampleId :

BU-703-COMP-04

Tgt Ion: 82 Resp: 321840

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.4	56.2
54	56.6	46.6	70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

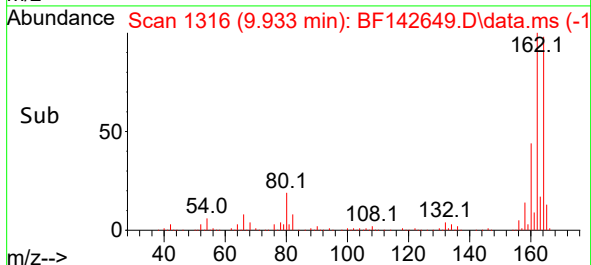
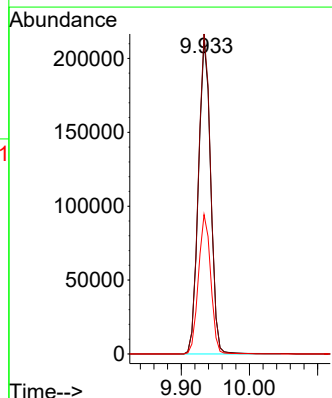
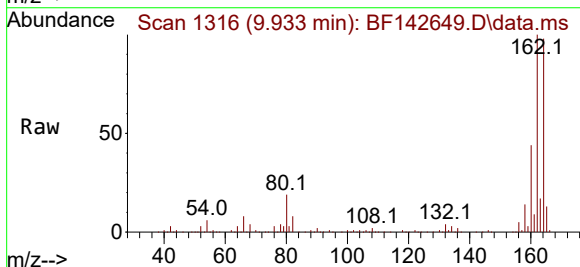
Delta R.T. -0.012 min

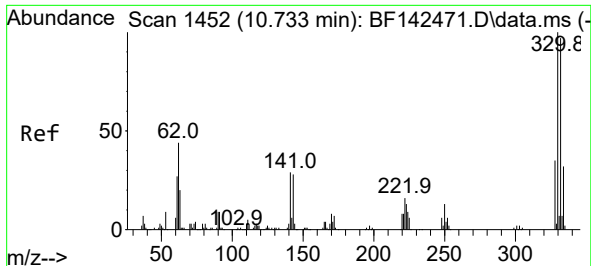
Lab File: BF142649.D

Acq: 06 Jun 2025 16:30

Tgt Ion:164 Resp: 264278

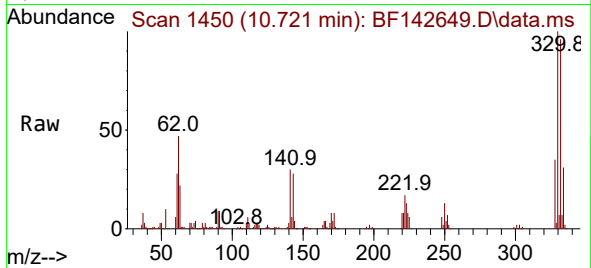
Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.4
160	44.4	35.6	53.4



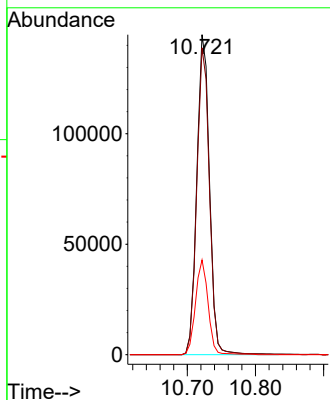
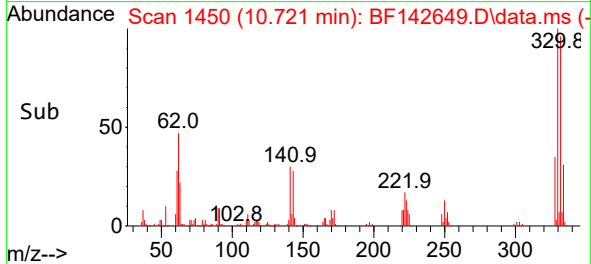


#42
 2,4,6-Tribromophenol
 Concen: 63.847 ng
 RT: 10.721 min Scan# 1452
 Delta R.T. -0.018 min
 Lab File: BF142649.D
 Acq: 06 Jun 2025 16:30

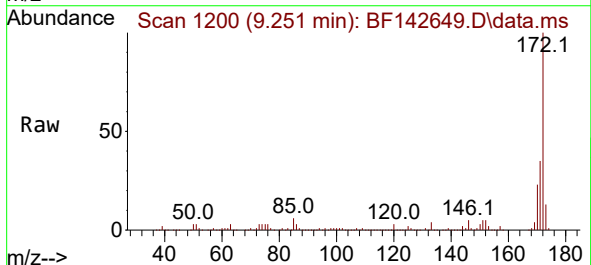
Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-04



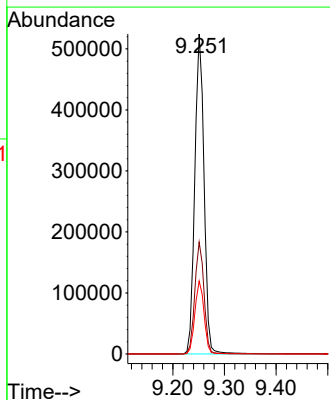
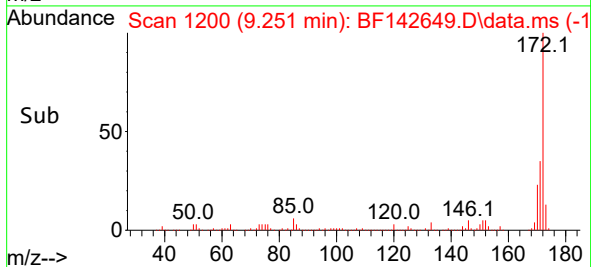
Tgt Ion:330 Resp: 187274
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.6 116.4
 141 29.3 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 33.173 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. -0.018 min
 Lab File: BF142649.D
 Acq: 06 Jun 2025 16:30



Tgt Ion:172 Resp: 653330
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 22.8 18.9 28.3

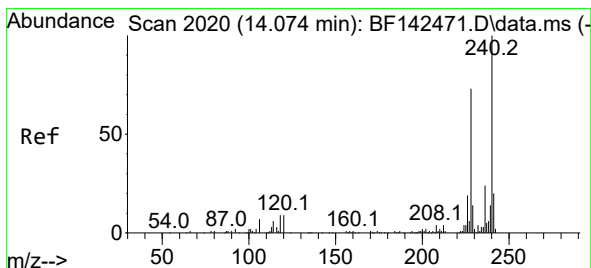
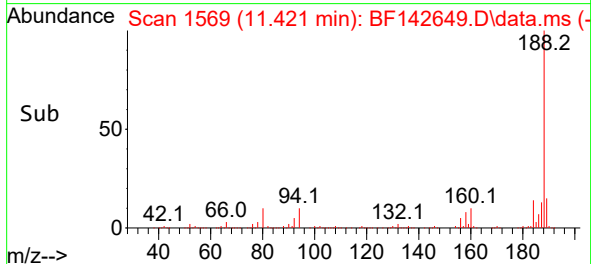
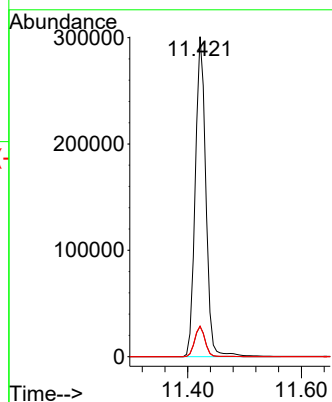
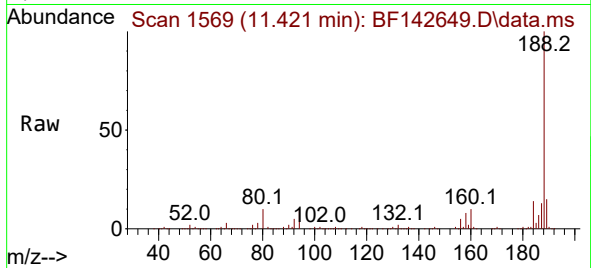




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142649.D
Acq: 06 Jun 2025 16:30

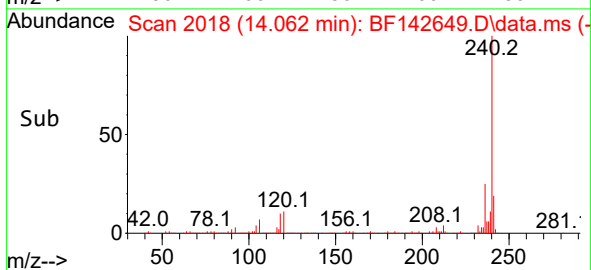
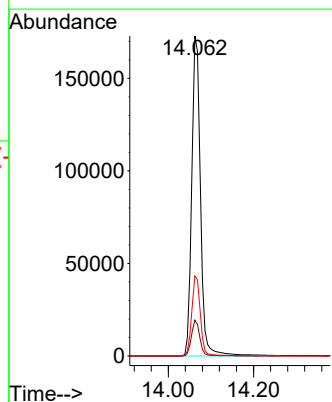
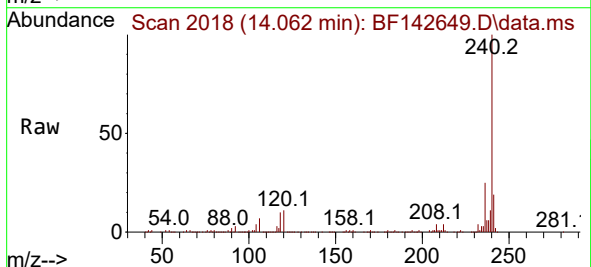
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-04

Tgt Ion:188 Resp: 390650
Ion Ratio Lower Upper
188 100
94 9.5 6.6 10.0
80 9.5 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: BF142649.D
Acq: 06 Jun 2025 16:30

Tgt Ion:240 Resp: 247417
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 25.0 19.6 29.4

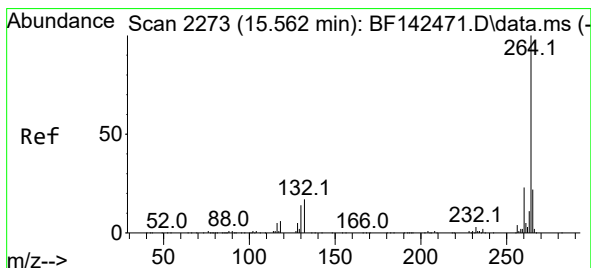
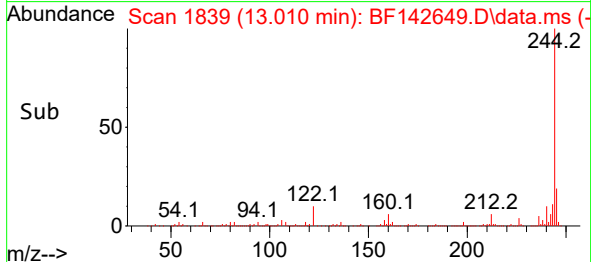
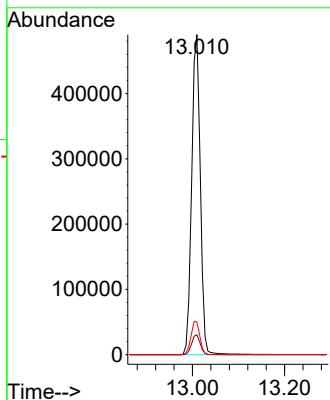
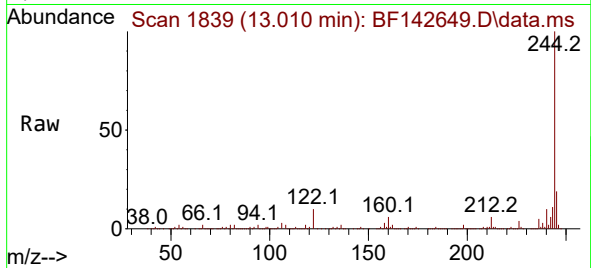




#79
 Terphenyl-d14
 Concen: 35.076 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142649.D
 Acq: 06 Jun 2025 16:30

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-04

Tgt Ion:244 Resp: 635059
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.3 7.9
 122 10.2 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: BF142649.D
 Acq: 06 Jun 2025 16:30

Tgt Ion:264 Resp: 291616
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.9 17.7 26.5

