

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142659.D
 Acq On : 06 Jun 2025 21:32
 Operator : RC/JU
 Sample : Q2242-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP09-MHJ

Quant Time: Jun 06 22:57:49 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	120062	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	462539	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	241515	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	375431	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	222835	20.000	ng	-0.01
86) Perylene-d12	15.557	264	260106	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	595282	83.532	ng	0.00
7) Phenol-d6	6.516	99	742028	86.499	ng	-0.02
23) Nitrobenzene-d5	7.451	82	438836	51.734	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	213461	79.634	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	947170	52.625	ng	-0.02
79) Terphenyl-d14	13.010	244	735818	45.124	ng	0.00

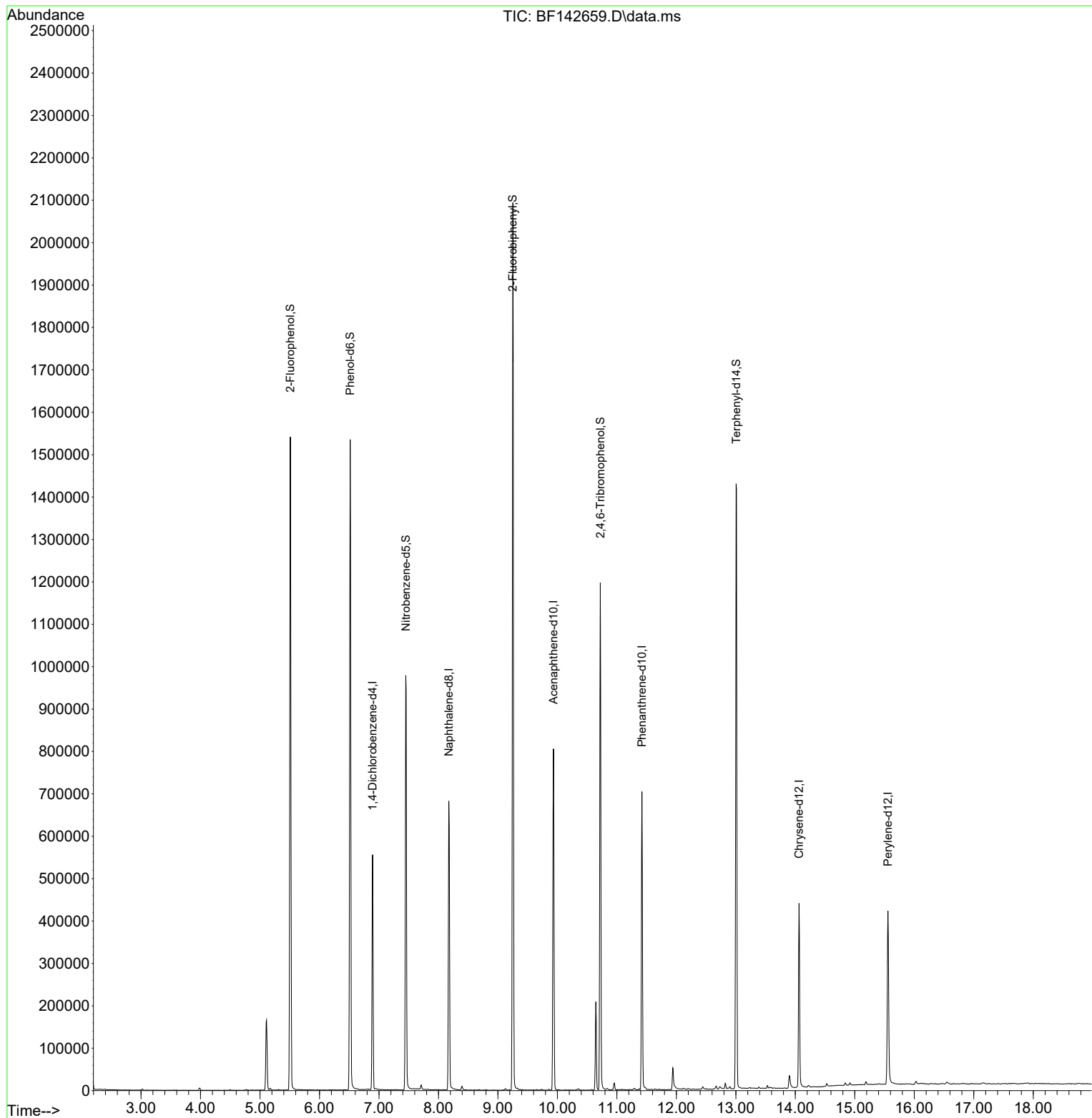
Target Compounds	Qvalue

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

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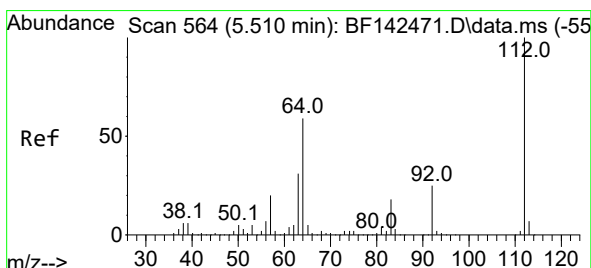
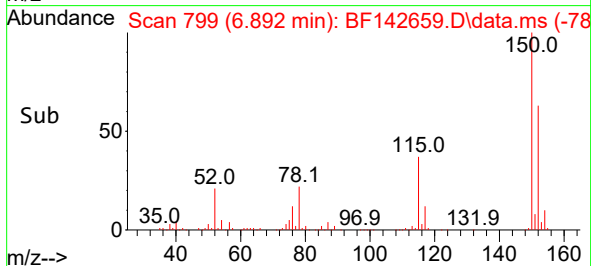
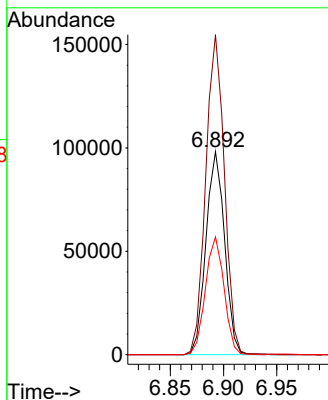
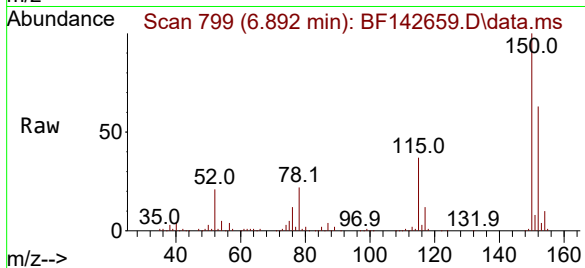




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF142659.D
 Acq: 06 Jun 2025 21:32

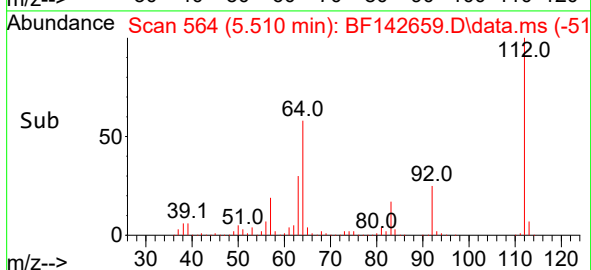
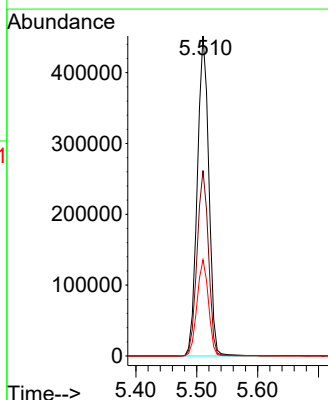
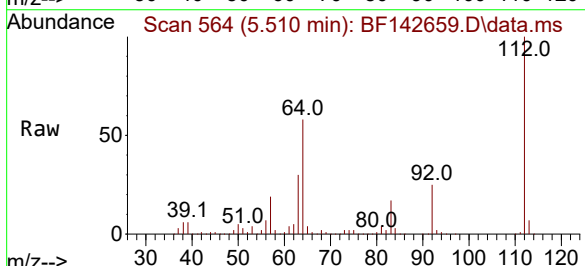
Instrument :
 BNA_F
 ClientSampleId :
 TP09-MHJ

Tgt Ion:152 Resp: 120062
 Ion Ratio Lower Upper
 152 100
 150 157.5 128.2 192.4
 115 58.0 48.3 72.5



#5
 2-Fluorophenol
 Concen: 83.532 ng
 RT: 5.510 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: BF142659.D
 Acq: 06 Jun 2025 21:32

Tgt Ion:112 Resp: 595282
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.5 71.3
 63 30.0 24.9 37.3

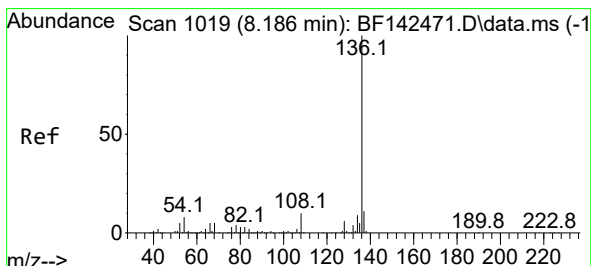
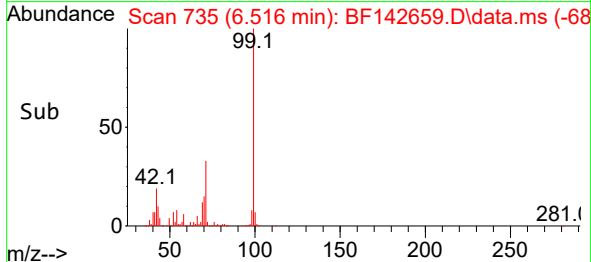
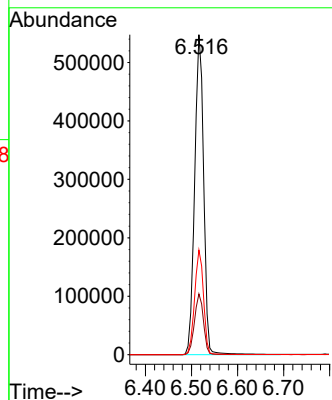
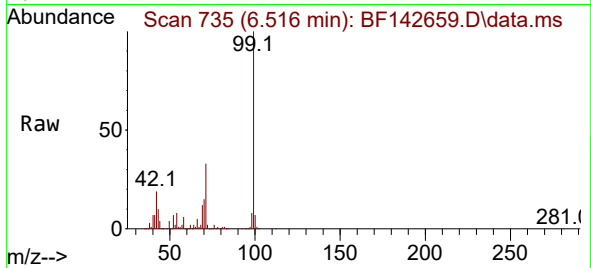




#7
Phenol-d6
Concen: 86.499 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142659.D
Acq: 06 Jun 2025 21:32

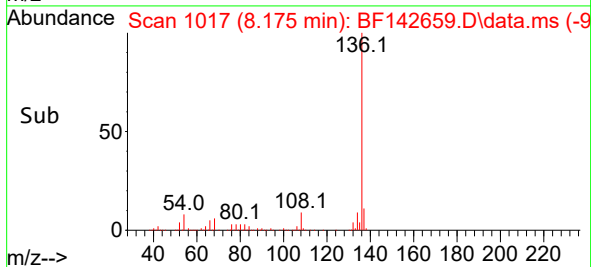
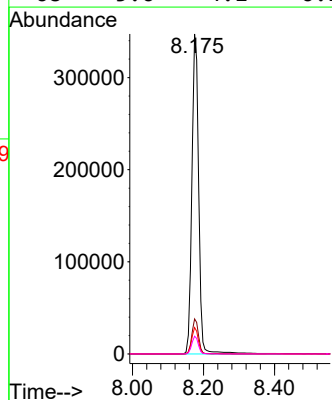
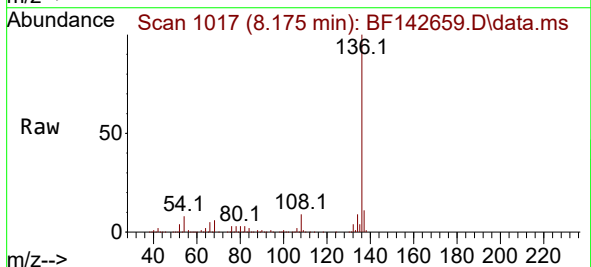
Instrument :
BNA_F
ClientSampleId :
TP09-MHJ

Tgt Ion: 99 Resp: 742028
Ion Ratio Lower Upper
99 100
42 19.0 16.2 24.2
71 32.7 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: BF142659.D
Acq: 06 Jun 2025 21:32

Tgt Ion: 136 Resp: 462539
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.2 6.6 10.0
68 5.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 51.734 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.023 min

Lab File: BF142659.D

Acq: 06 Jun 2025 21:32

Instrument :

BNA_F

ClientSampleId :

TP09-MHJ

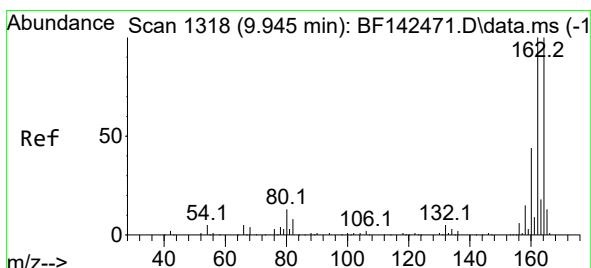
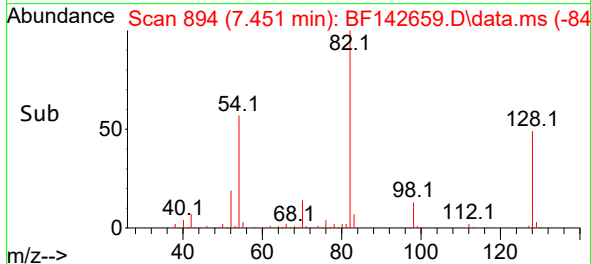
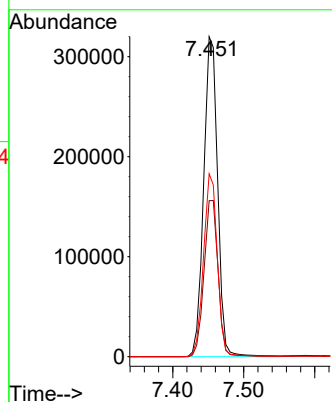
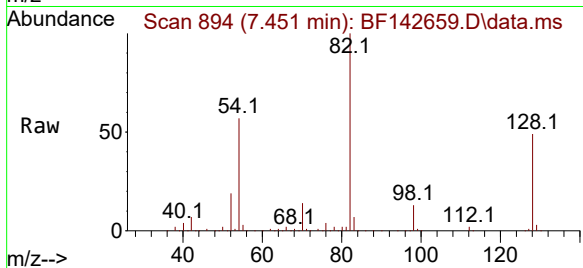
Tgt Ion: 82 Resp: 438836

Ion Ratio Lower Upper

82 100

128 48.7 37.4 56.2

54 57.1 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: BF142659.D

Acq: 06 Jun 2025 21:32

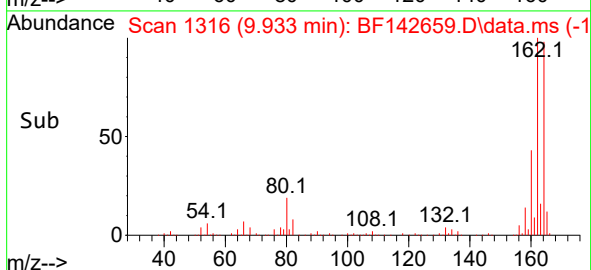
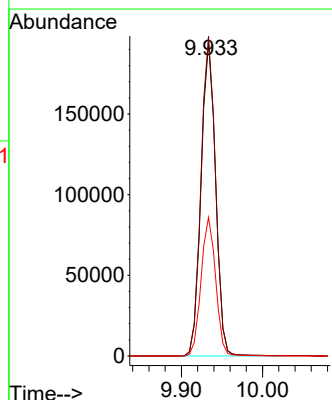
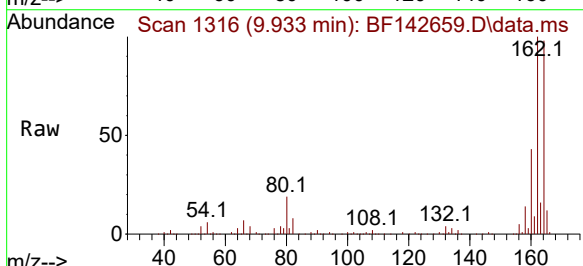
Tgt Ion:164 Resp: 241515

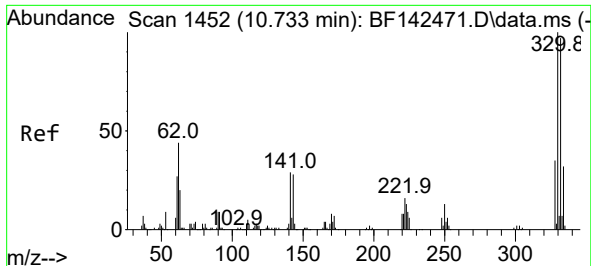
Ion Ratio Lower Upper

164 100

162 102.0 80.2 120.4

160 44.2 35.6 53.4

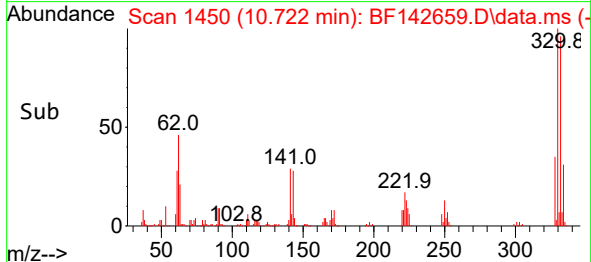
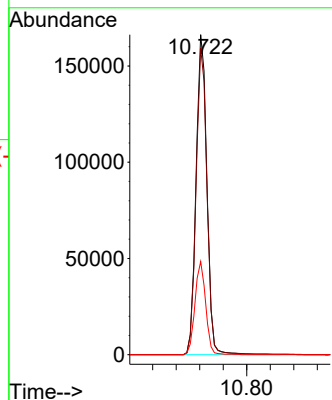
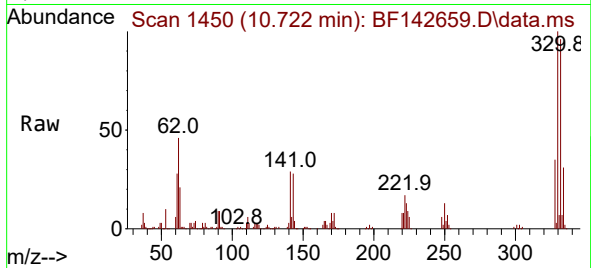




#42
2,4,6-Tribromophenol
Concen: 79.634 ng
RT: 10.722 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF142659.D
Acq: 06 Jun 2025 21:32

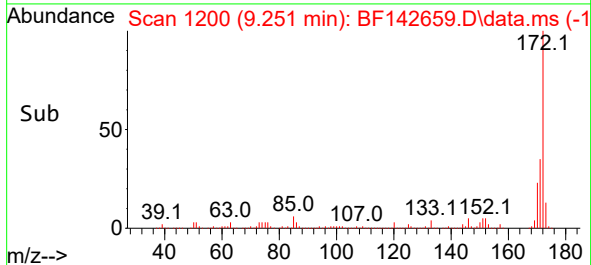
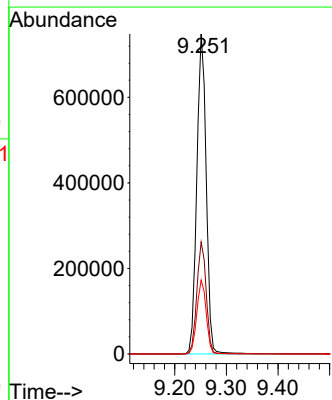
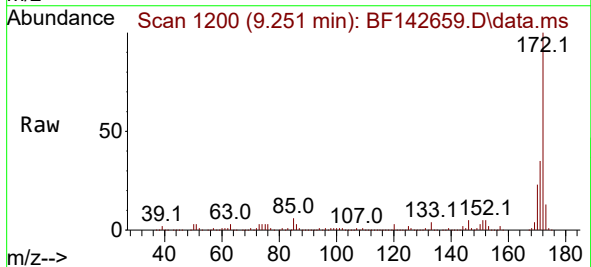
Instrument :
BNA_F
ClientSampleId :
TP09-MHJ

Tgt Ion: 330 Resp: 213461
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 28.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 52.625 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF142659.D
Acq: 06 Jun 2025 21:32

Tgt Ion: 172 Resp: 947170
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.1 18.9 28.3

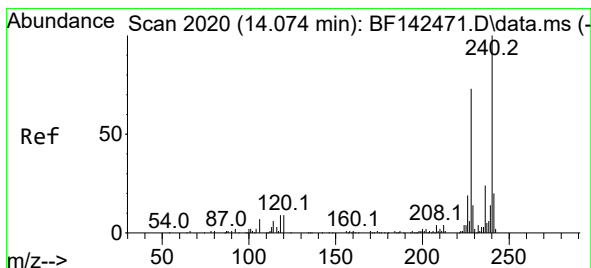
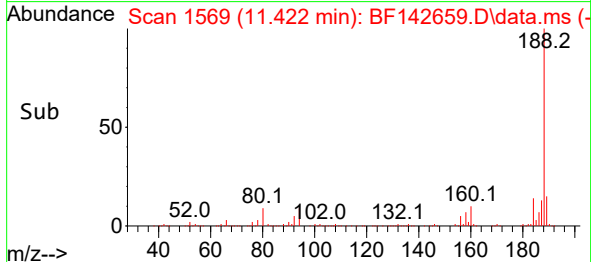
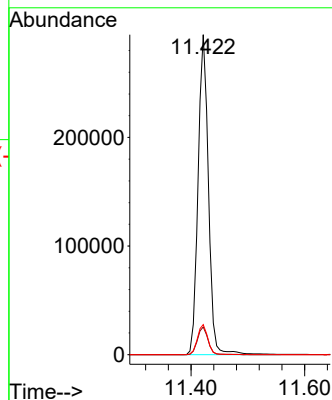
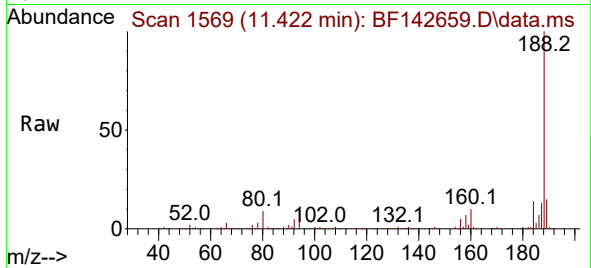




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142659.D
Acq: 06 Jun 2025 21:32

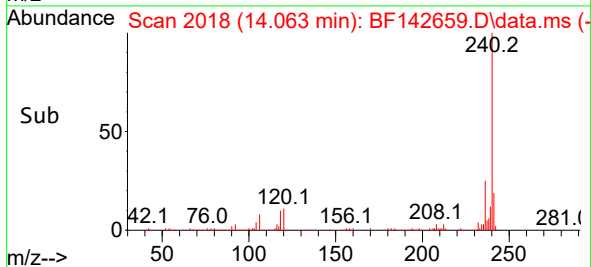
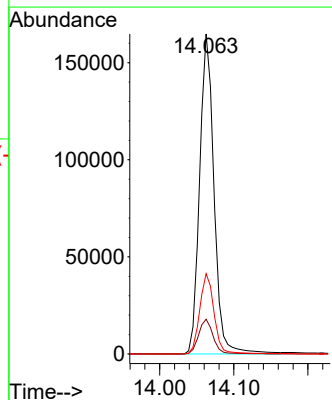
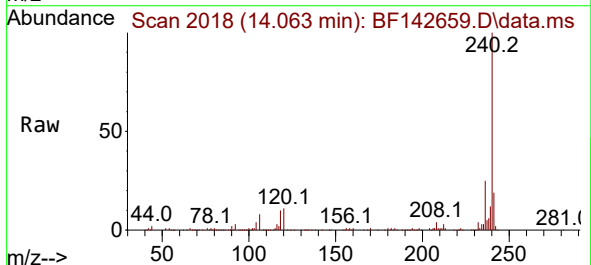
Instrument :
BNA_F
ClientSampleId :
TP09-MHJ

Tgt Ion:188 Resp: 375431
Ion Ratio Lower Upper
188 100
94 8.7 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: BF142659.D
Acq: 06 Jun 2025 21:32

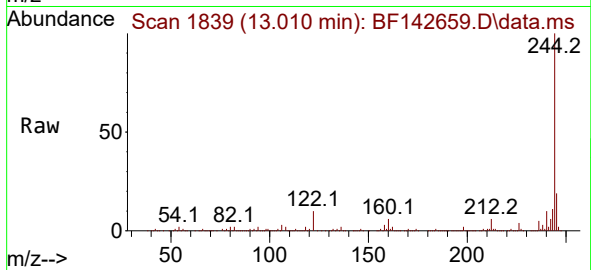
Tgt Ion:240 Resp: 222835
Ion Ratio Lower Upper
240 100
120 10.9 7.5 11.3
236 25.1 19.6 29.4



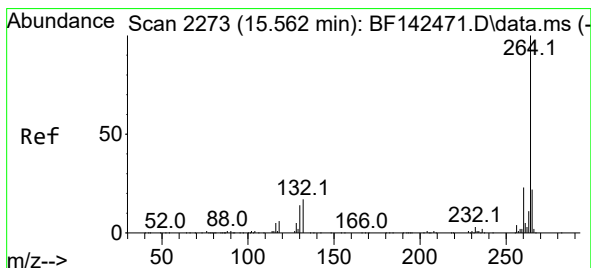
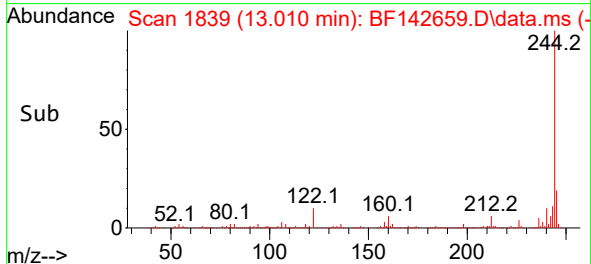
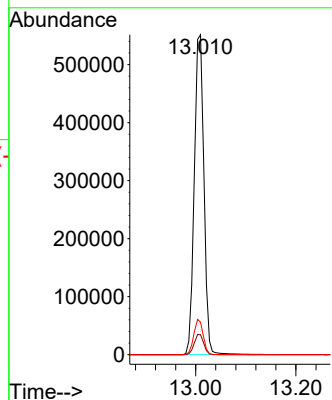


#79
Terphenyl-d14
Concen: 45.124 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142659.D
Acq: 06 Jun 2025 21:32

Instrument :
BNA_F
ClientSampleId :
TP09-MHJ



Tgt Ion:244 Resp: 735818
Ion Ratio Lower Upper
244 100
212 6.3 5.3 7.9
122 10.2 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: BF142659.D
Acq: 06 Jun 2025 21:32

Tgt Ion:264 Resp: 260106
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.0 17.7 26.5

