

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142658.D
 Acq On : 06 Jun 2025 21:02
 Operator : RC/JU
 Sample : Q2177-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB05312025

Quant Time: Jun 06 22:57:36 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	220757	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	837398	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	443312	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	652874	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	417346	20.000	ng	#-0.01
86) Perylene-d12	15.562	264	499853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	416699	31.801	ng	0.00
7) Phenol-d6	6.516	99	349815	22.178	ng	-0.02
23) Nitrobenzene-d5	7.457	82	541368	35.252	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	256220	52.075	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	1168881	35.381	ng	-0.02
79) Terphenyl-d14	13.010	244	910708	29.820	ng	0.00

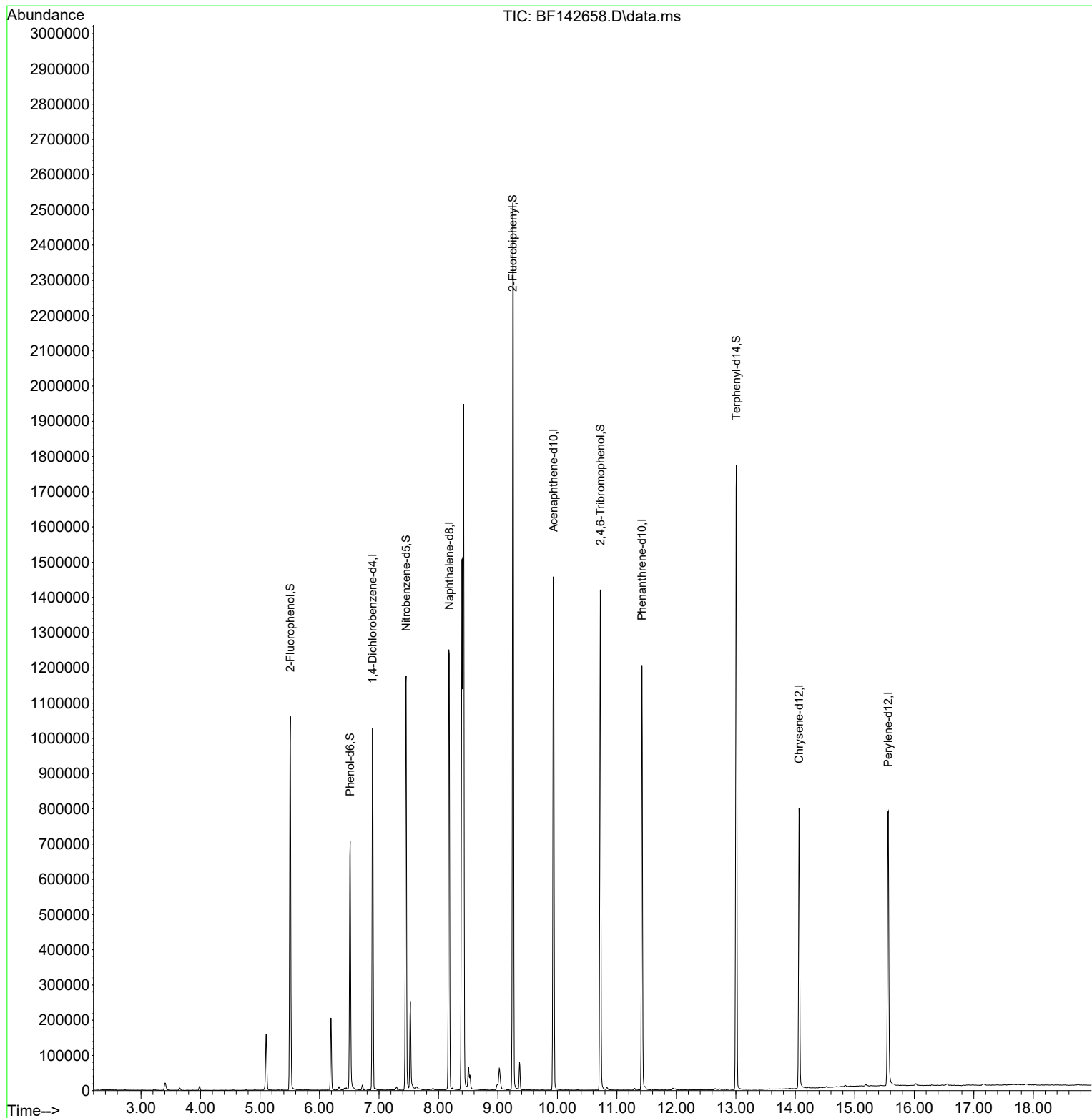
Target Compounds	Qvalue

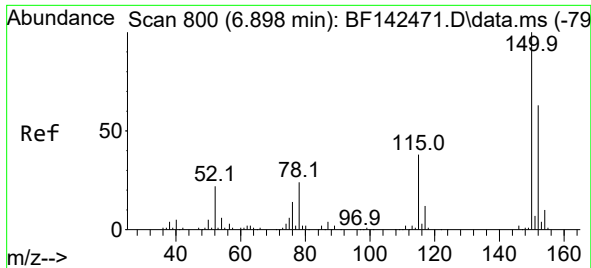
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142658.D
Acq On : 06 Jun 2025 21:02
Operator : RC/JU
Sample : Q2177-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB05312025

Quant Time: Jun 06 22:57:36 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

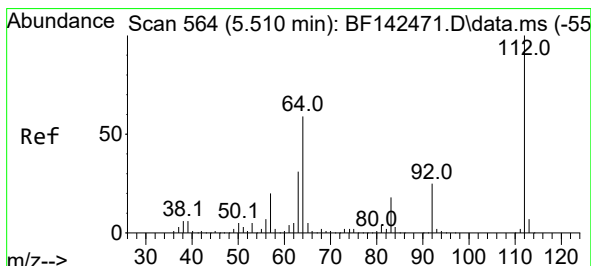
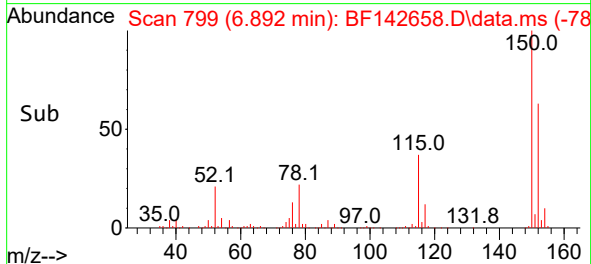
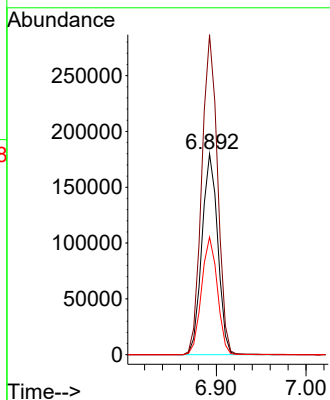
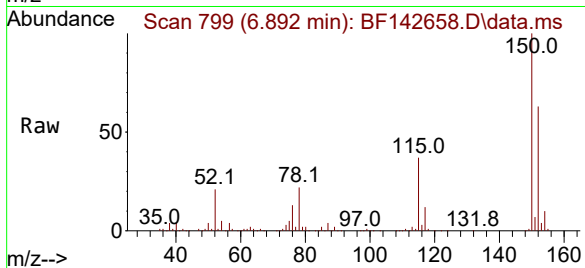




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF142658.D
Acq: 06 Jun 2025 21:02

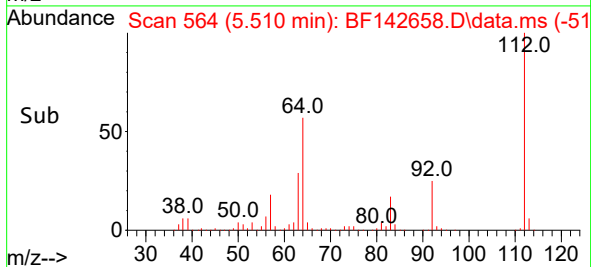
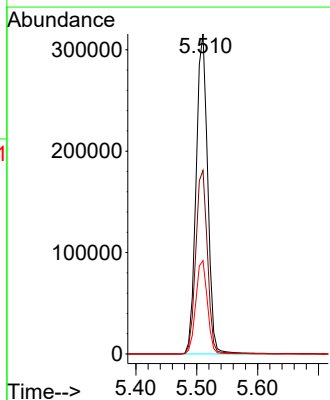
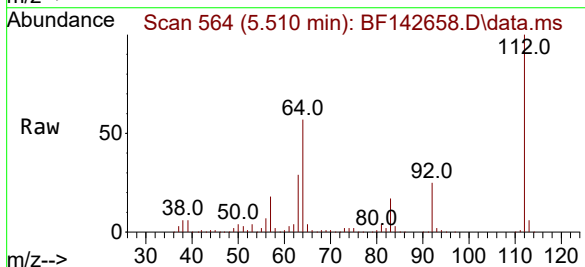
Instrument :
BNA_F
ClientSampleId :
EB05312025

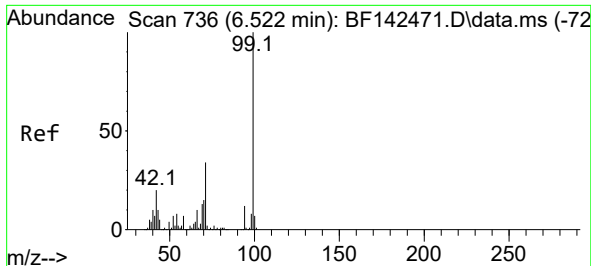
Tgt Ion:152 Resp: 220757
Ion Ratio Lower Upper
152 100
150 159.4 128.2 192.4
115 58.6 48.3 72.5



#5
2-Fluorophenol
Concen: 31.801 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142658.D
Acq: 06 Jun 2025 21:02

Tgt Ion:112 Resp: 416699
Ion Ratio Lower Upper
112 100
64 57.3 47.5 71.3
63 29.2 24.9 37.3

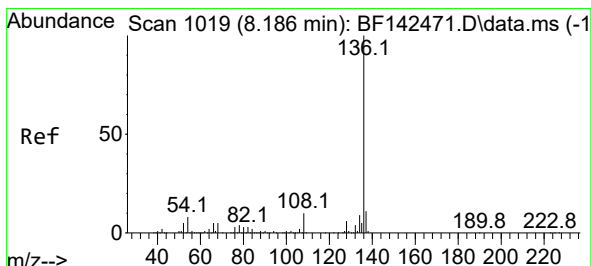
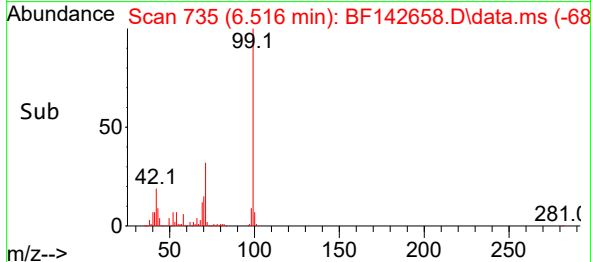
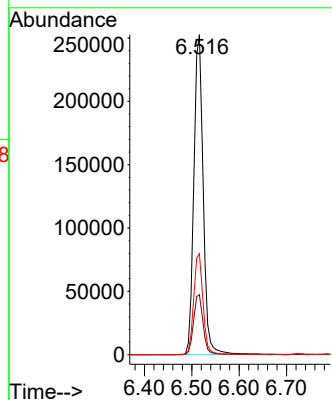
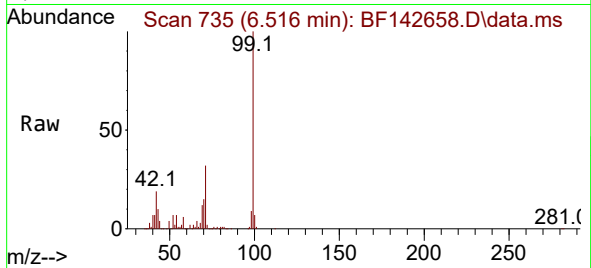




#7
Phenol-d6
Concen: 22.178 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142658.D
Acq: 06 Jun 2025 21:02

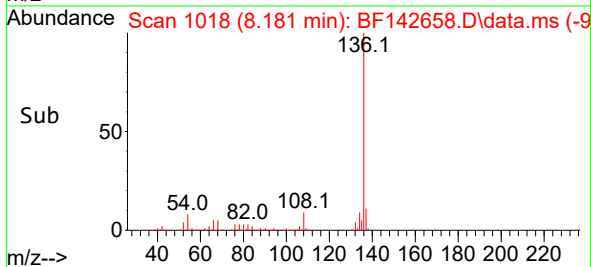
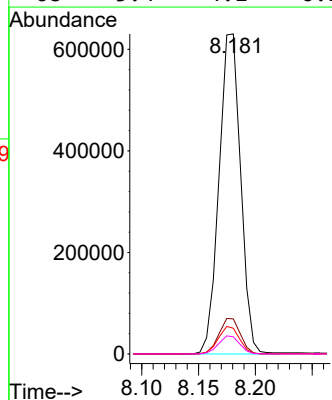
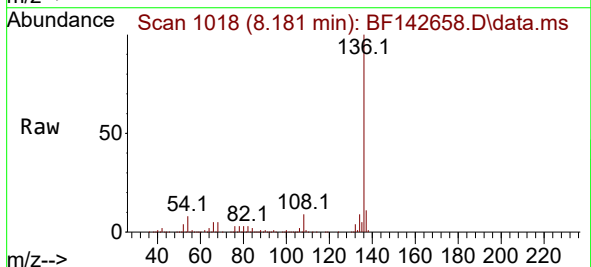
Instrument :
BNA_F
ClientSampleId :
EB05312025

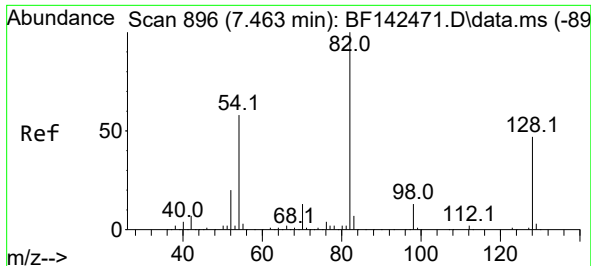
Tgt Ion: 99 Resp: 349815
Ion Ratio Lower Upper
99 100
42 18.8 16.2 24.2
71 31.5 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142658.D
Acq: 06 Jun 2025 21:02

Tgt Ion: 136 Resp: 837398
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 6.6 10.0
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 35.252 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF142658.D

Acq: 06 Jun 2025 21:02

Instrument :

BNA_F

ClientSampleId :

EB05312025

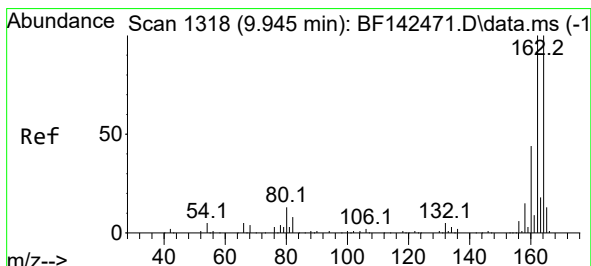
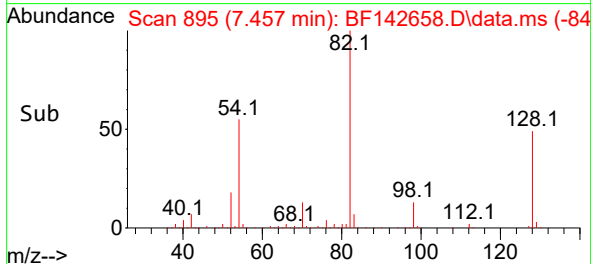
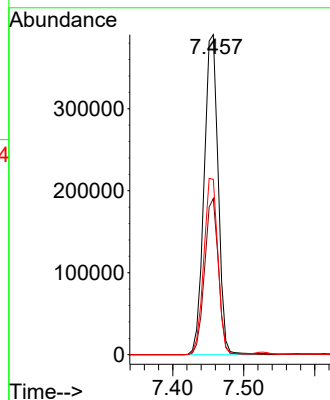
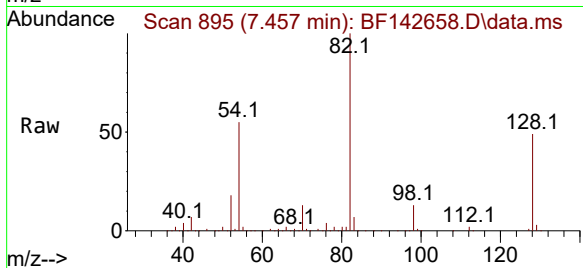
Tgt Ion: 82 Resp: 541368

Ion Ratio Lower Upper

82 100

128 48.8 37.4 56.2

54 54.8 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: BF142658.D

Acq: 06 Jun 2025 21:02

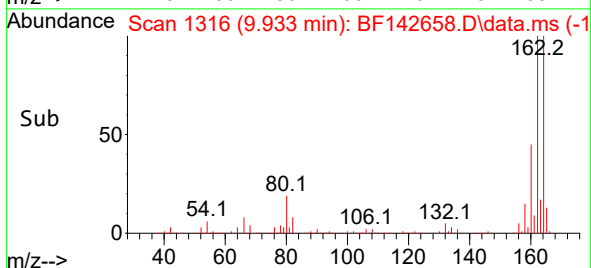
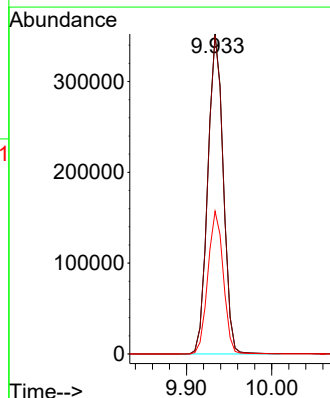
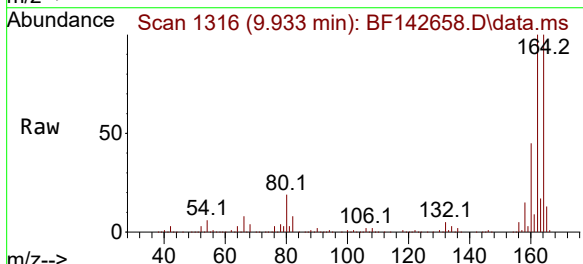
Tgt Ion:164 Resp: 443312

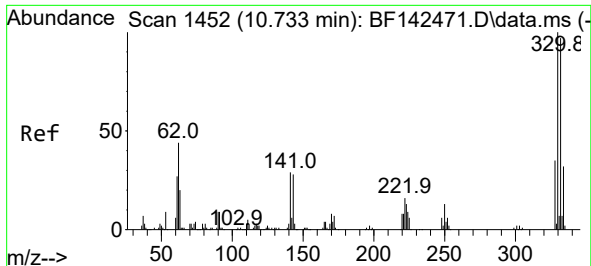
Ion Ratio Lower Upper

164 100

162 99.6 80.2 120.4

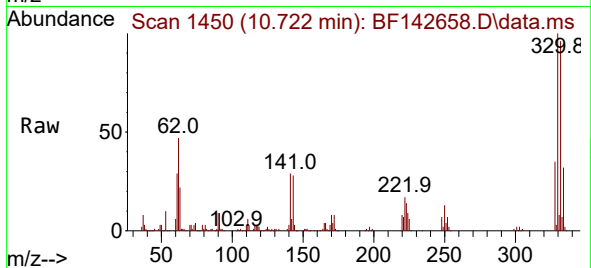
160 44.6 35.6 53.4



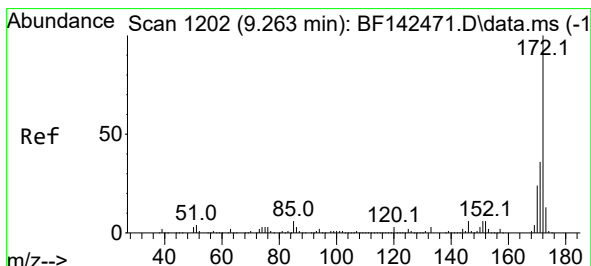
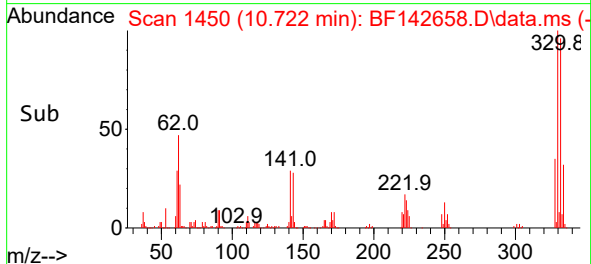
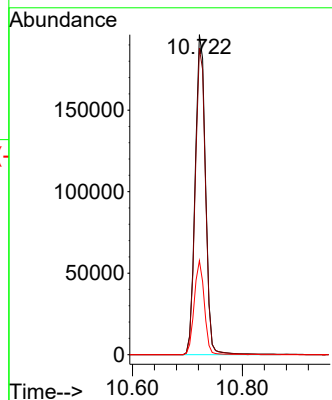


#42
2,4,6-Tribromophenol
Concen: 52.075 ng
RT: 10.722 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF142658.D
Acq: 06 Jun 2025 21:02

Instrument :
BNA_F
ClientSampleId :
EB05312025

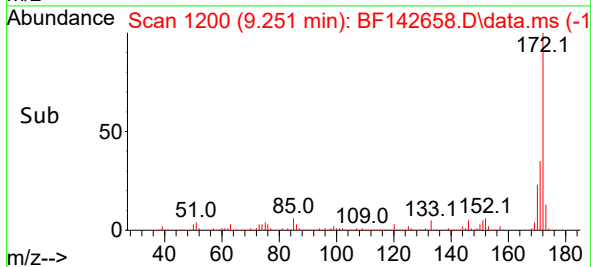
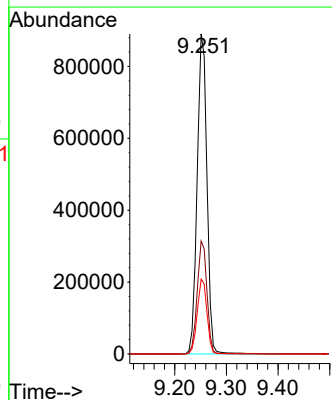
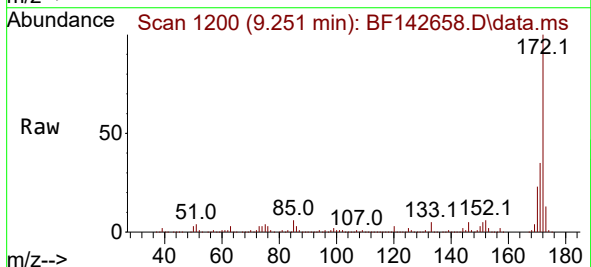


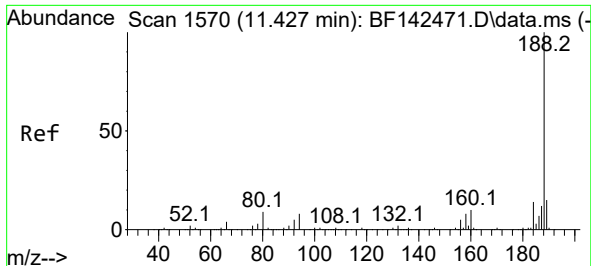
Tgt Ion:330 Resp: 256220
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 28.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 35.381 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF142658.D
Acq: 06 Jun 2025 21:02

Tgt Ion:172 Resp: 1168881
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.4 18.9 28.3

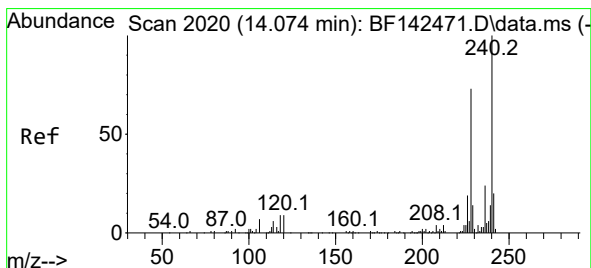
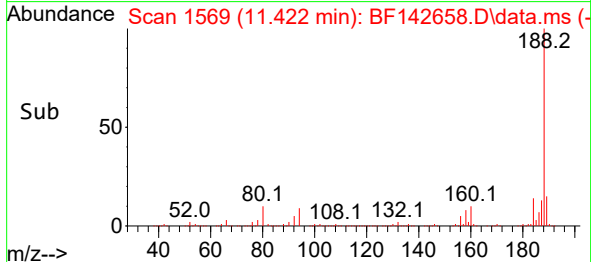
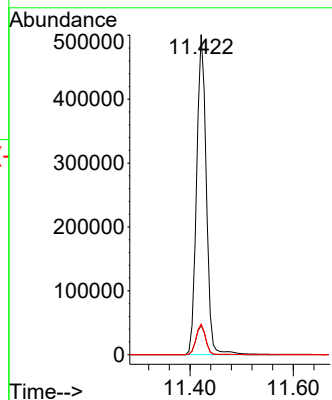
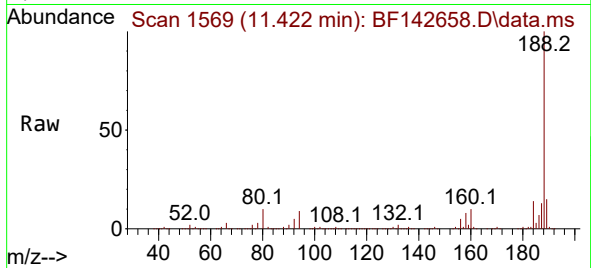




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142658.D
Acq: 06 Jun 2025 21:02

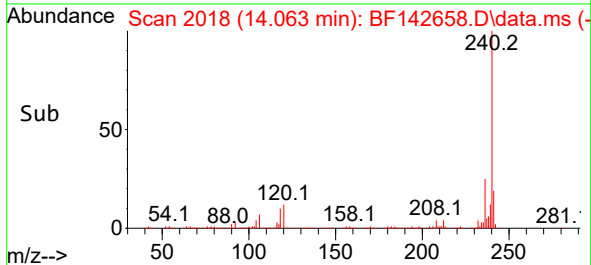
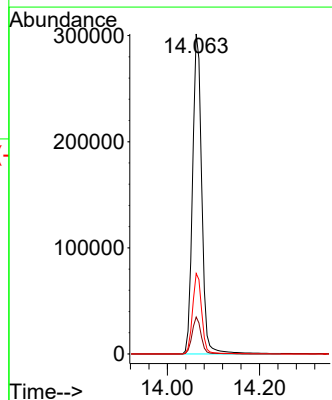
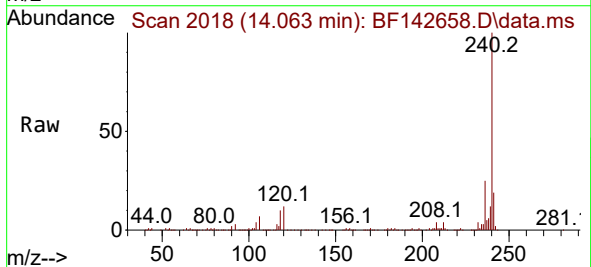
Instrument :
BNA_F
ClientSampleId :
EB05312025

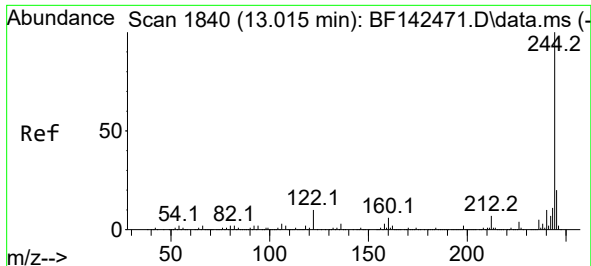
Tgt Ion:188 Resp: 652874
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.5 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142658.D
Acq: 06 Jun 2025 21:02

Tgt Ion:240 Resp: 417346
Ion Ratio Lower Upper
240 100
120 11.6 7.5 11.3#
236 25.2 19.6 29.4

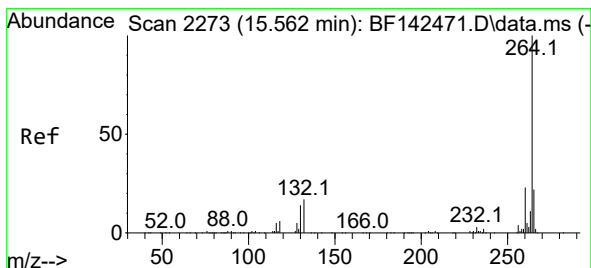
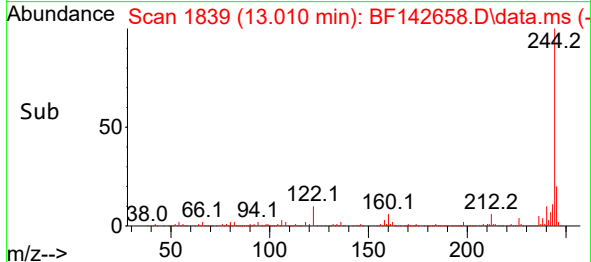
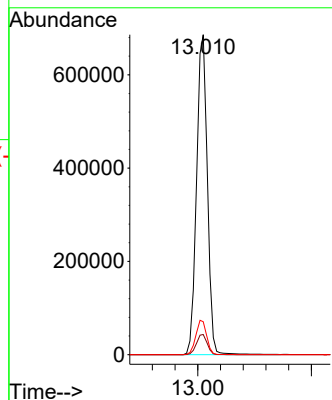
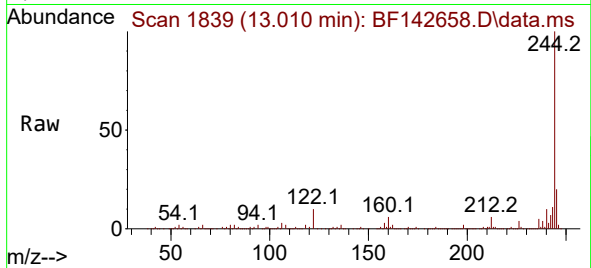




#79
 Terphenyl-d14
 Concen: 29.820 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142658.D
 Acq: 06 Jun 2025 21:02

Instrument :
 BNA_F
 ClientSampleId :
 EB05312025

Tgt Ion:244 Resp: 910708
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.3 7.9
 122 10.3 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: BF142658.D
 Acq: 06 Jun 2025 21:02

Tgt Ion:264 Resp: 499853
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.4 17.7 26.5

