

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
 Data File : BF143522.D
 Acq On : 21 Aug 2025 11:18
 Operator : RC/JU
 Sample : Q2900-02DL 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MN-12C-081825DL

Quant Time: Aug 21 11:46:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

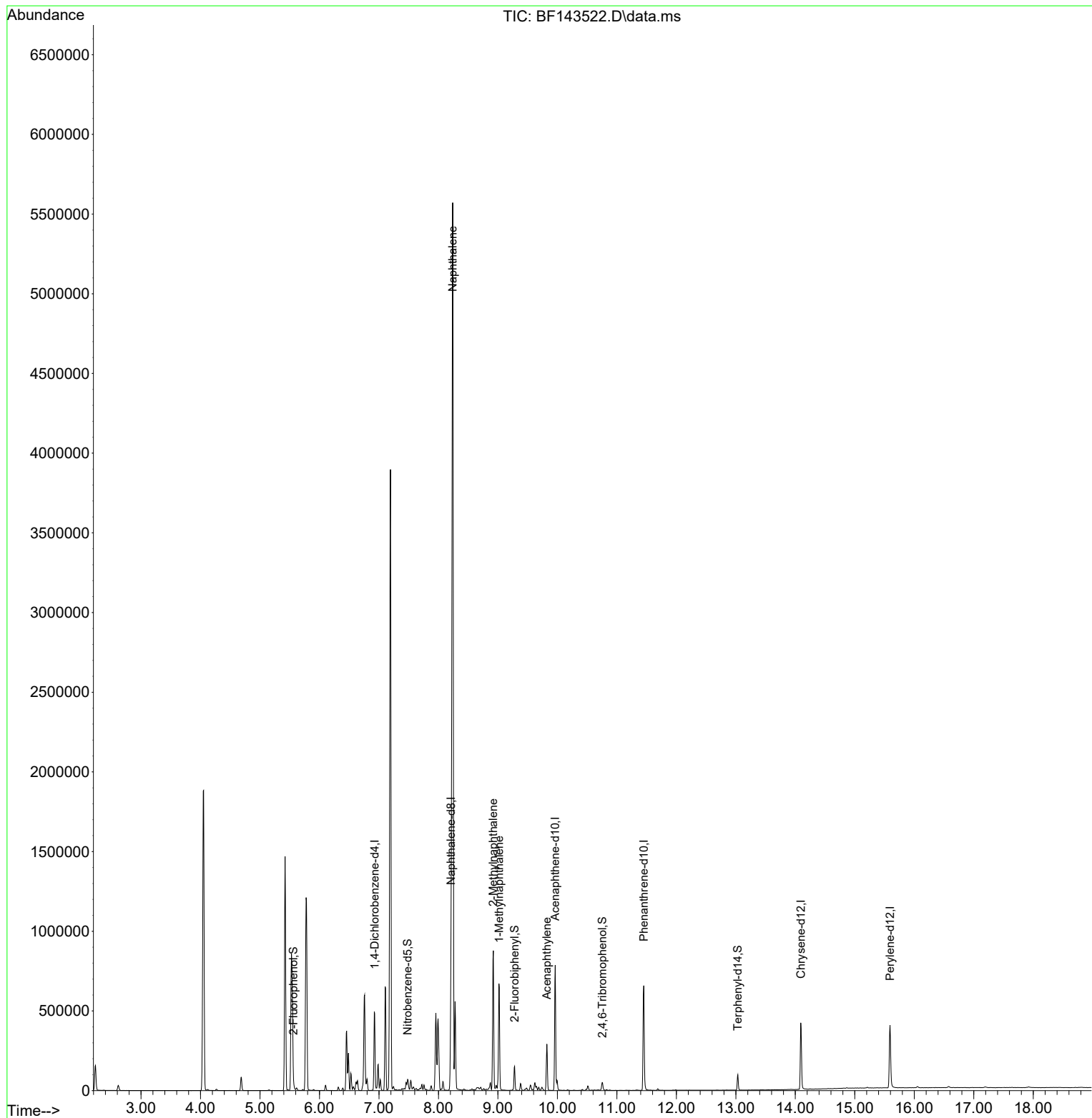
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	109819	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	413990	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	236192	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	347629	20.000	ng	0.00
76) Chrysene-d12	14.092	240	223408	20.000	ng	-0.01
86) Perylene-d12	15.592	264	252278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	16113	2.562	ng	0.00
7) Phenol-d6	6.569	99	14446	1.861	ng	0.00
23) Nitrobenzene-d5	7.481	82	29922	4.218	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	10797	4.911	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	69937	4.894	ng	0.00
79) Terphenyl-d14	13.033	244	51787	4.045	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.239	128	4184482	210.533	ng	97
37) 2-Methylnaphthalene	8.922	142	334236	25.178	ng	99
38) 1-Methylnaphthalene	9.022	142	255861	20.150	ng	100
49) Acenaphthylene	9.822	152	167816	8.910	ng	99

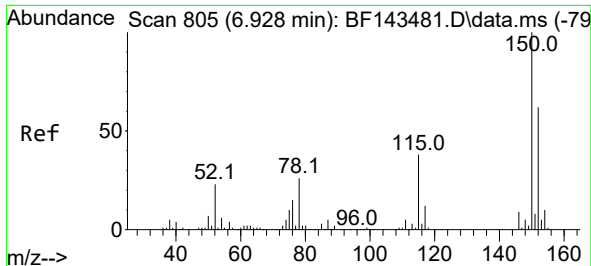
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143522.D
Acq On : 21 Aug 2025 11:18
Operator : RC/JU
Sample : Q2900-02DL 20X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

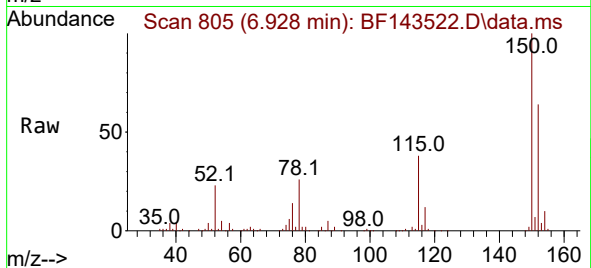
Quant Time: Aug 21 11:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration



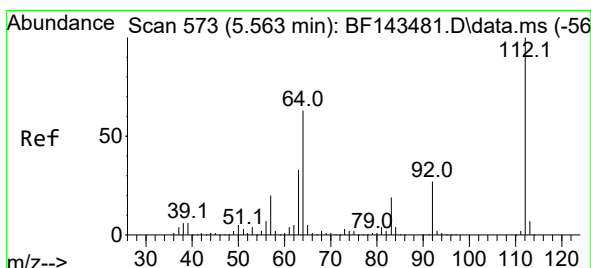
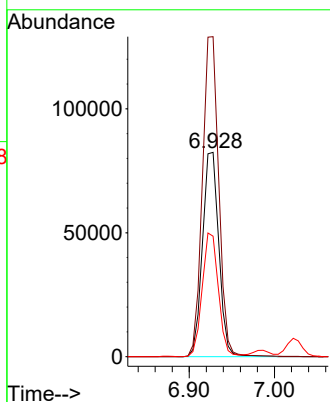
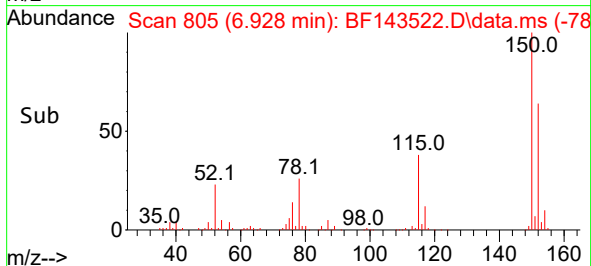


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

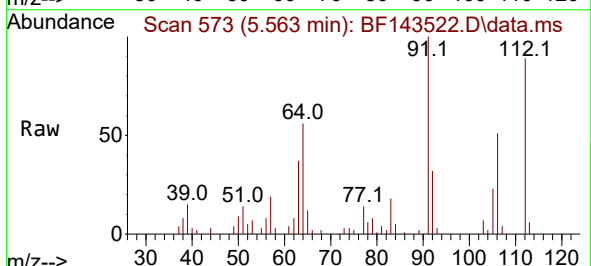
Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL



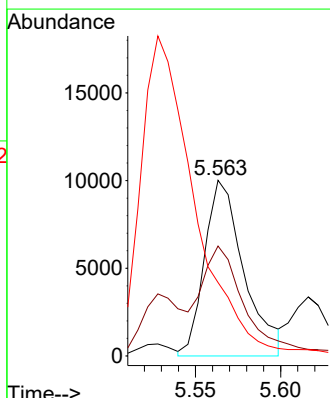
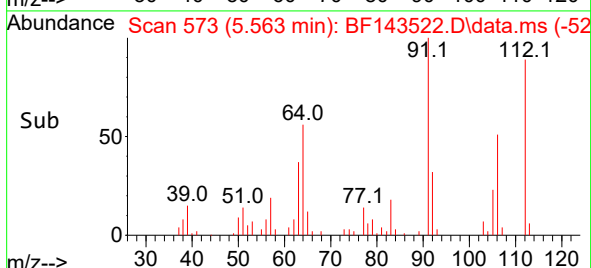
Tgt Ion:152 Resp: 109819
Ion Ratio Lower Upper
152 100
150 156.6 128.9 193.3
115 59.0 49.2 73.8

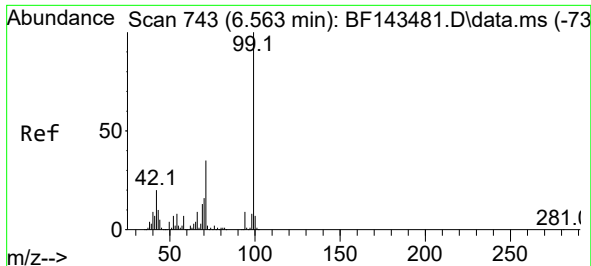


#5
2-Fluorophenol
Concen: 2.562 ng
RT: 5.563 min Scan# 573
Delta R.T. 0.000 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18



Tgt Ion:112 Resp: 16113
Ion Ratio Lower Upper
112 100
64 62.6 50.4 75.6
63 41.8 26.4 39.6#

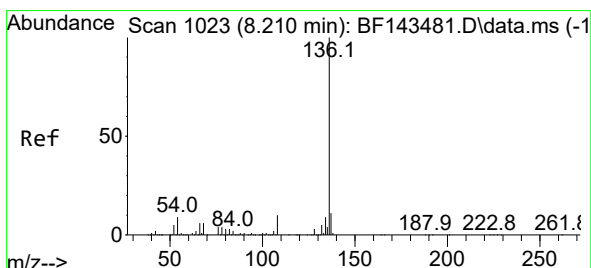
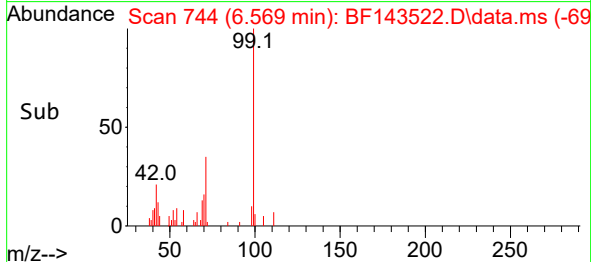
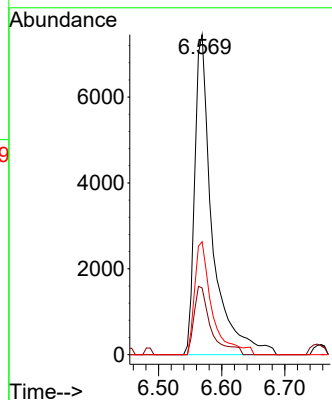
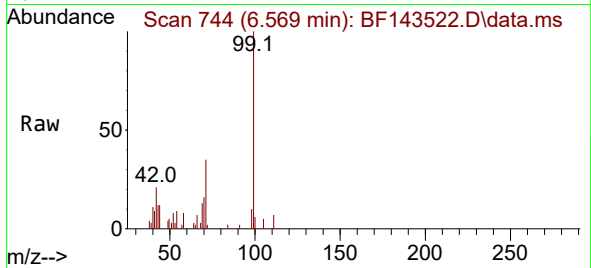




#7
Phenol-d6
Concen: 1.861 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

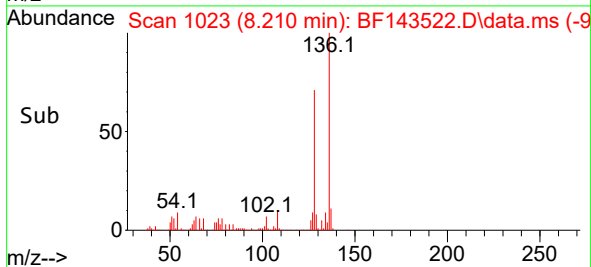
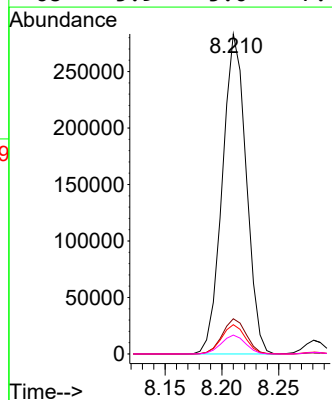
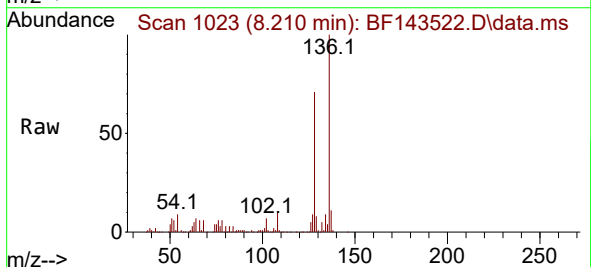
Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

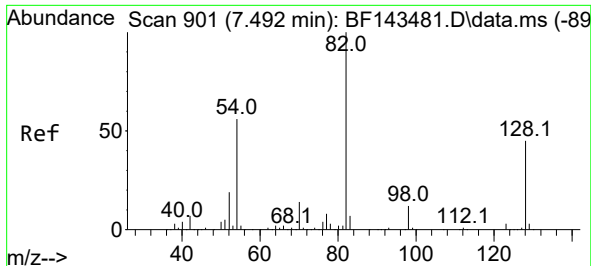
Tgt Ion: 99 Resp: 14446
Ion Ratio Lower Upper
99 100
42 20.8 16.3 24.5
71 35.3 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Tgt Ion: 136 Resp: 413990
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.2 7.4 11.2
68 5.9 5.0 7.4

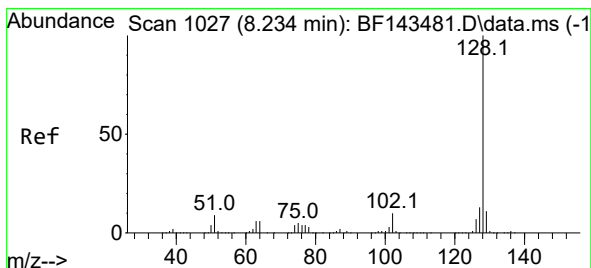
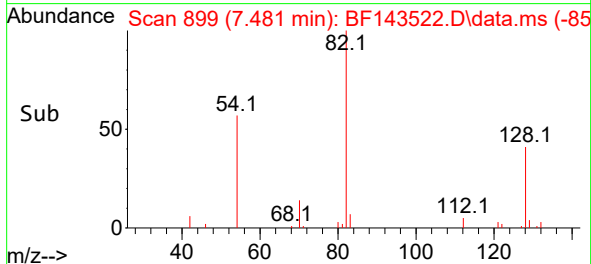
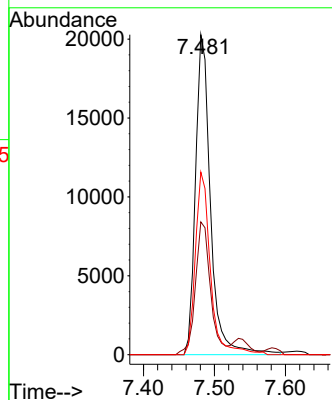
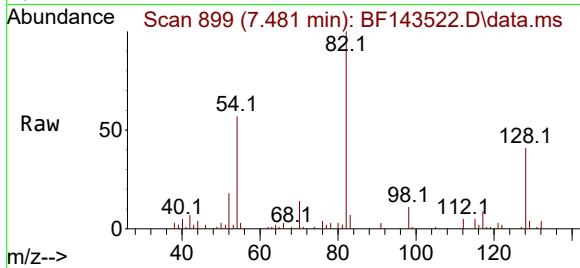




#23
Nitrobenzene-d5
Concen: 4.218 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.018 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

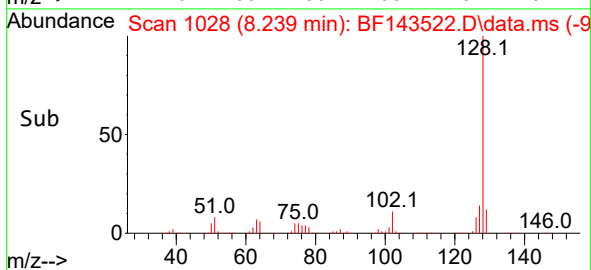
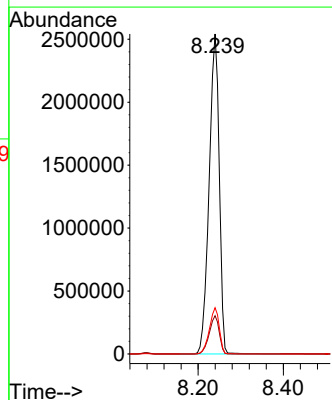
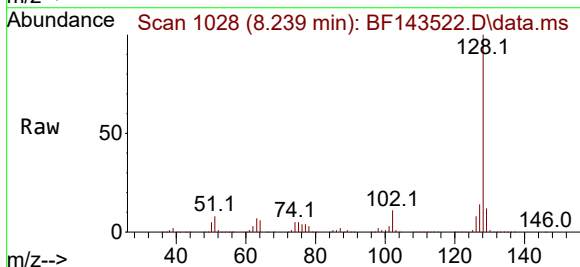
Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

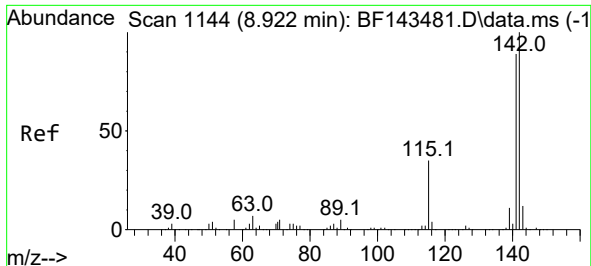
Tgt Ion: 82 Resp: 29922
Ion Ratio Lower Upper
82 100
128 41.5 35.5 53.3
54 57.1 44.3 66.5



#31
Naphthalene
Concen: 210.533 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Tgt Ion:128 Resp: 4184482
Ion Ratio Lower Upper
128 100
129 11.9 8.8 13.2
127 14.5 10.6 16.0

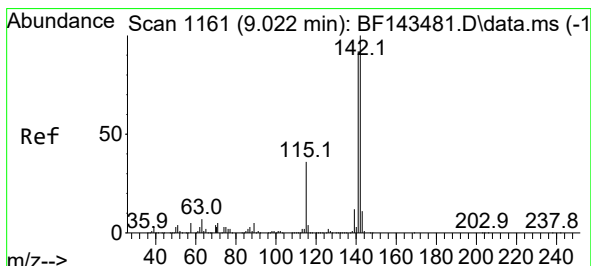
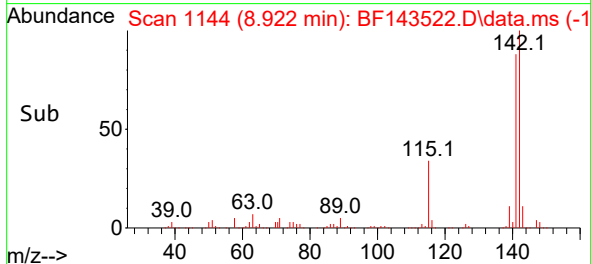
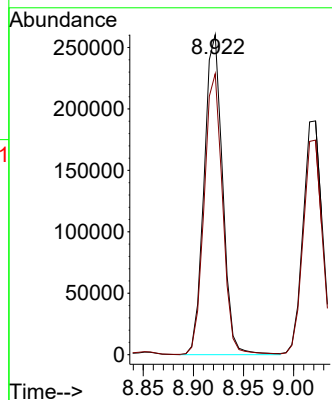
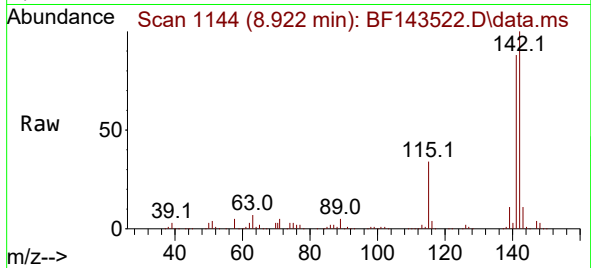




#37
2-Methylnaphthalene
Concen: 25.178 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

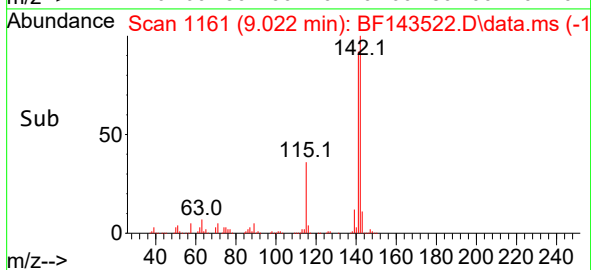
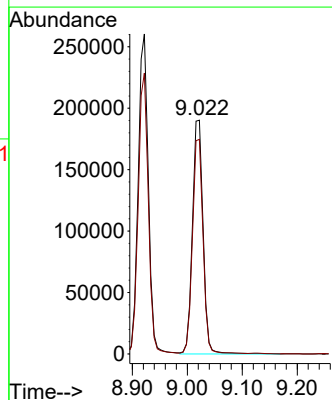
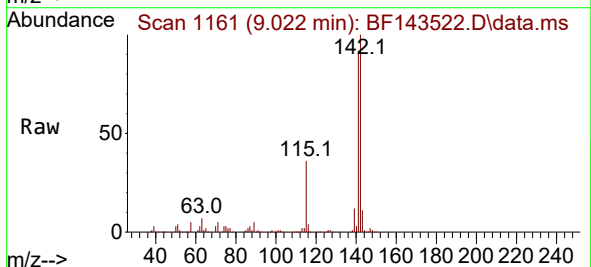
Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

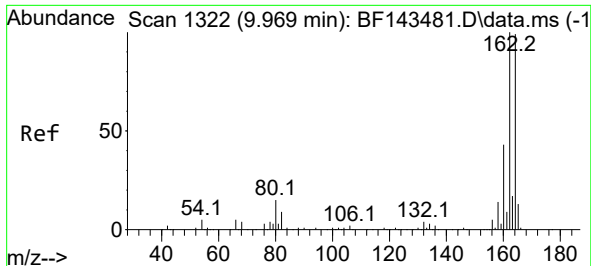
Tgt Ion:142 Resp: 334236
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.4



#38
1-Methylnaphthalene
Concen: 20.150 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Tgt Ion:142 Resp: 255861
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143522.D

Acq: 21 Aug 2025 11:18

Instrument :

BNA_F

ClientSampleId :

MN-12C-081825DL

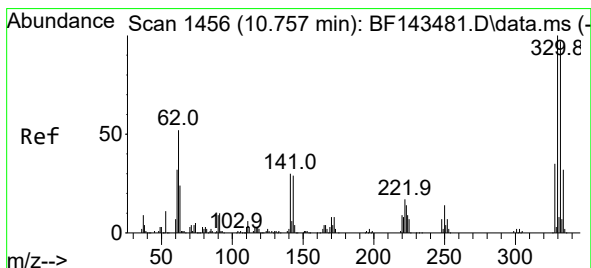
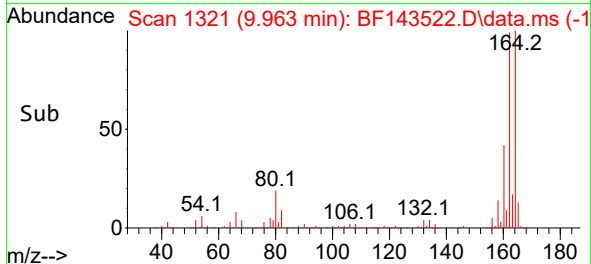
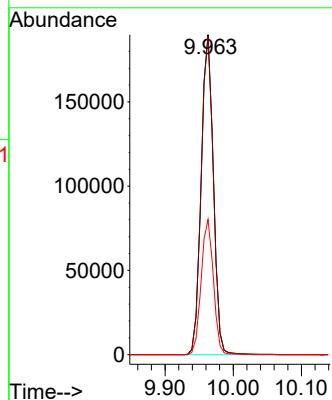
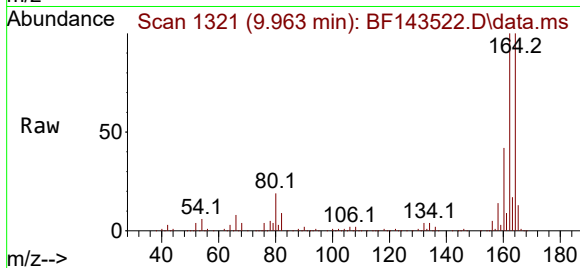
Tgt Ion:164 Resp: 236192

Ion Ratio Lower Upper

164 100

162 99.6 80.5 120.7

160 42.3 34.3 51.5



#42

2,4,6-Tribromophenol

Concen: 4.911 ng

RT: 10.757 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF143522.D

Acq: 21 Aug 2025 11:18

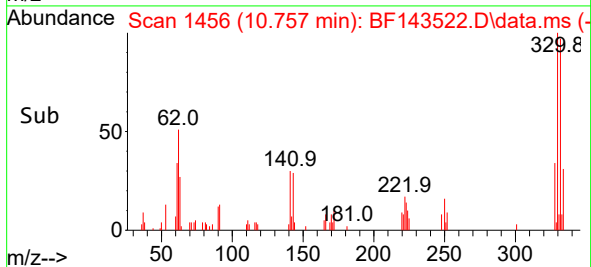
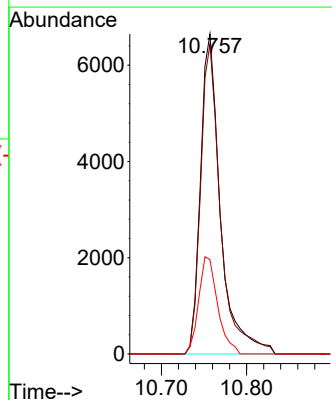
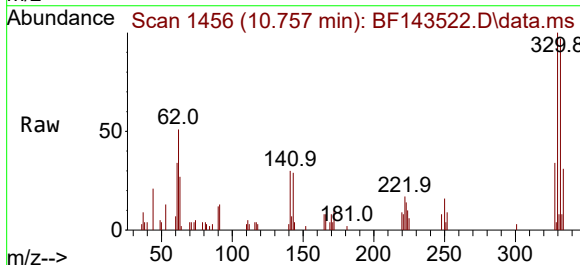
Tgt Ion:330 Resp: 10797

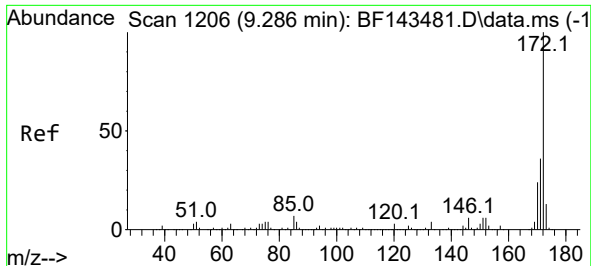
Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

141 29.0 23.7 35.5





#45

2-Fluorobiphenyl

Concen: 4.894 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143522.D

Acq: 21 Aug 2025 11:18

Instrument :

BNA_F

ClientSampleId :

MN-12C-081825DL

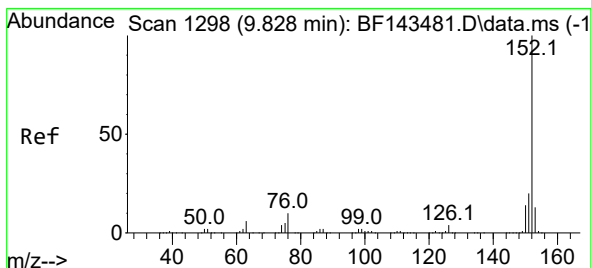
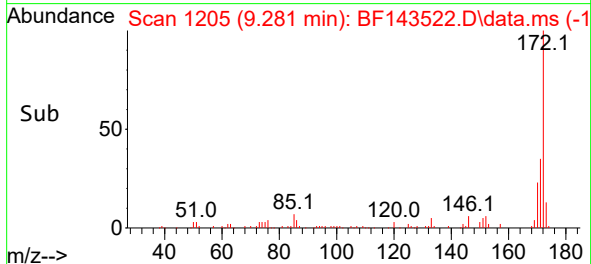
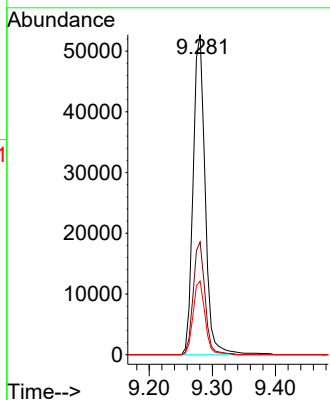
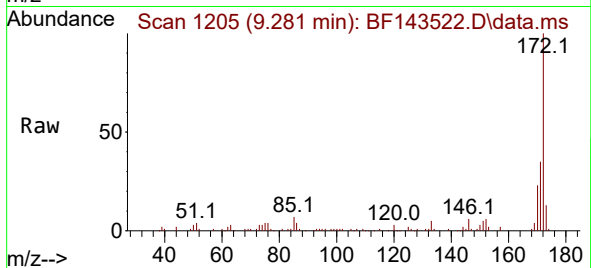
Tgt Ion:172 Resp: 69937

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.0 18.8 28.2



#49

Acenaphthylene

Concen: 8.910 ng

RT: 9.822 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BF143522.D

Acq: 21 Aug 2025 11:18

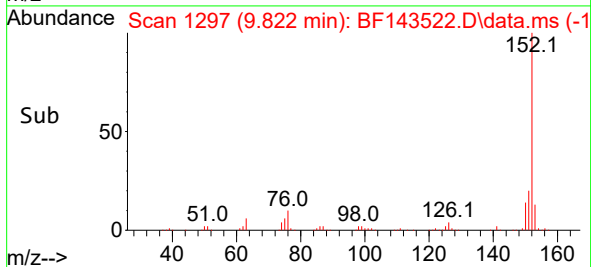
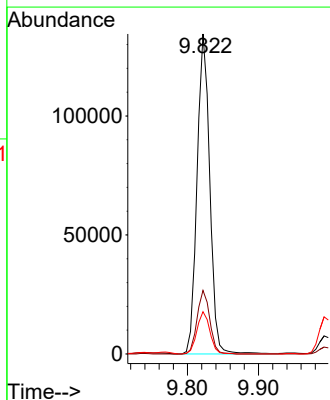
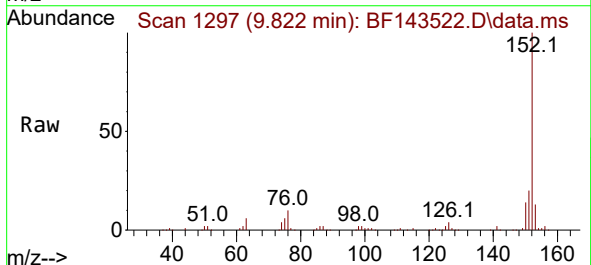
Tgt Ion:152 Resp: 167816

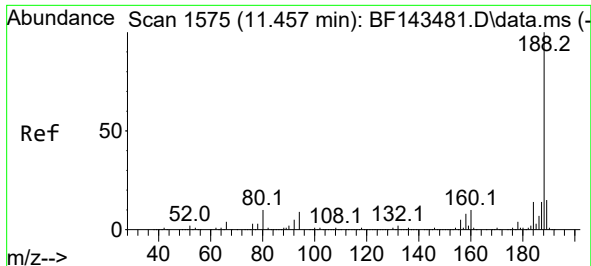
Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.2 10.6 15.8

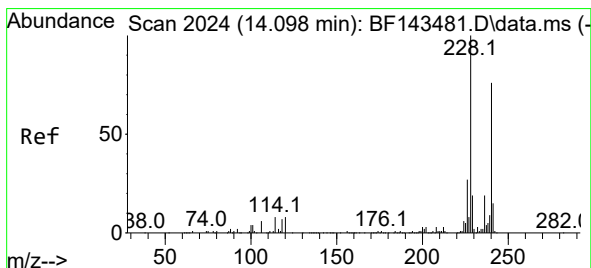
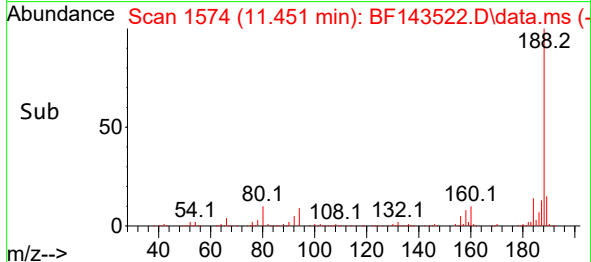
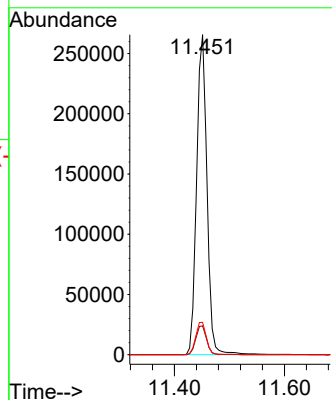
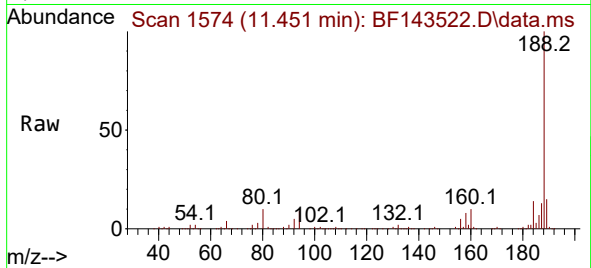




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

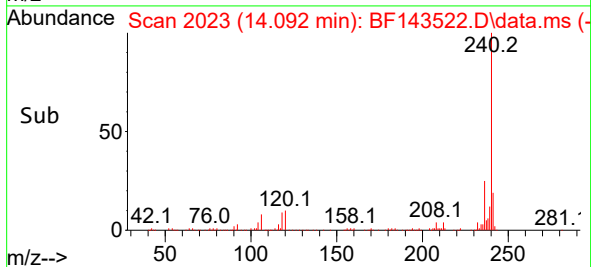
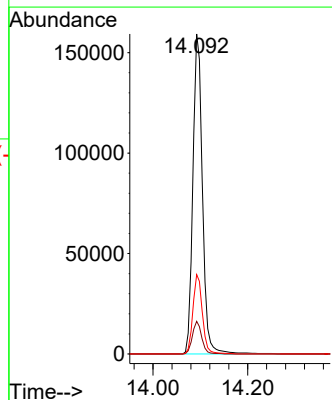
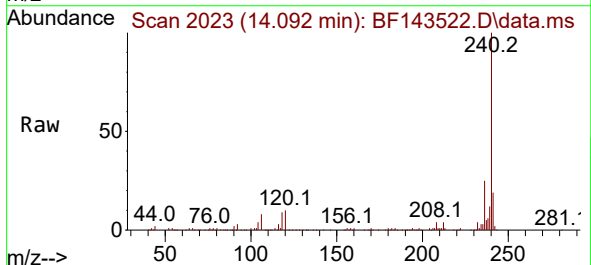
Instrument :
BNA_F
ClientSampleId :
MN-12C-081825DL

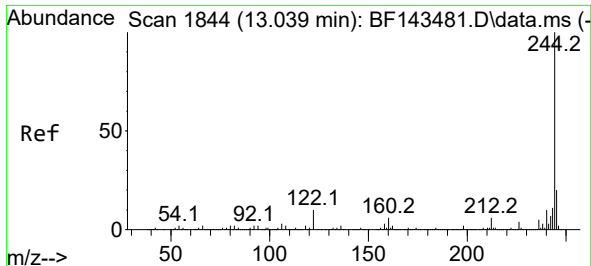
Tgt Ion:188 Resp: 347629
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF143522.D
Acq: 21 Aug 2025 11:18

Tgt Ion:240 Resp: 223408
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 24.8 20.4 30.6

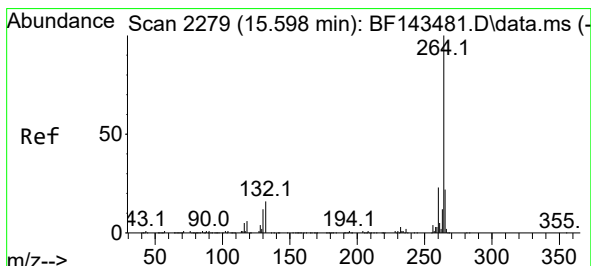
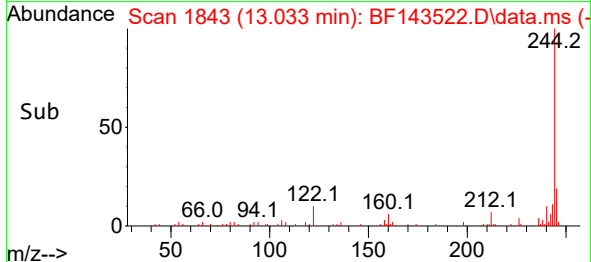
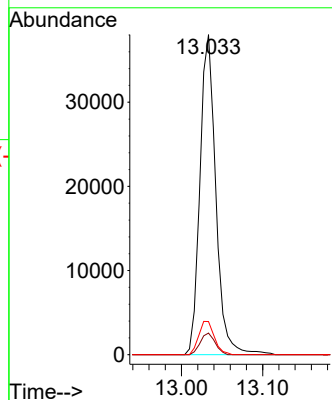
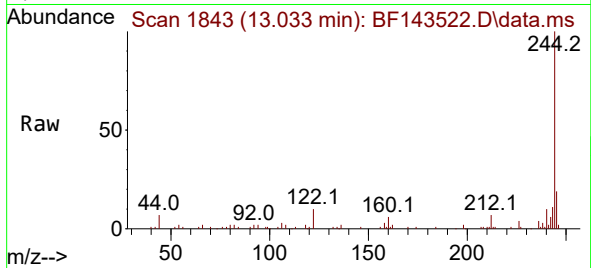




#79
 Terphenyl-d14
 Concen: 4.045 ng
 RT: 13.033 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF143522.D
 Acq: 21 Aug 2025 11:18

Instrument :
 BNA_F
 ClientSampleId :
 MN-12C-081825DL

Tgt Ion:244 Resp: 51787
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF143522.D
 Acq: 21 Aug 2025 11:18

Tgt Ion:264 Resp: 252278
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.9 17.6 26.4

