

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142483.D
 Acq On : 21 May 2025 13:11
 Operator : RC/JU
 Sample : Q2074-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Quant Time: May 21 14:23:45 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	6.898	152	68056	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	253884	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	131199	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	222108	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	180491	20.000	ng	-0.01
86) Perylene-d12	15.557	264	152122	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	364442	90.219	ng	-0.01
7) Phenol-d6	6.516	99	440164	90.520	ng	-0.02
23) Nitrobenzene-d5	7.457	82	251086	53.928	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	122575	84.178	ng	-0.02
45) 2-Fluorobiphenyl	9.257	172	477981	48.886	ng	-0.01
79) Terphenyl-d14	13.010	244	465119	35.215	ng	0.00

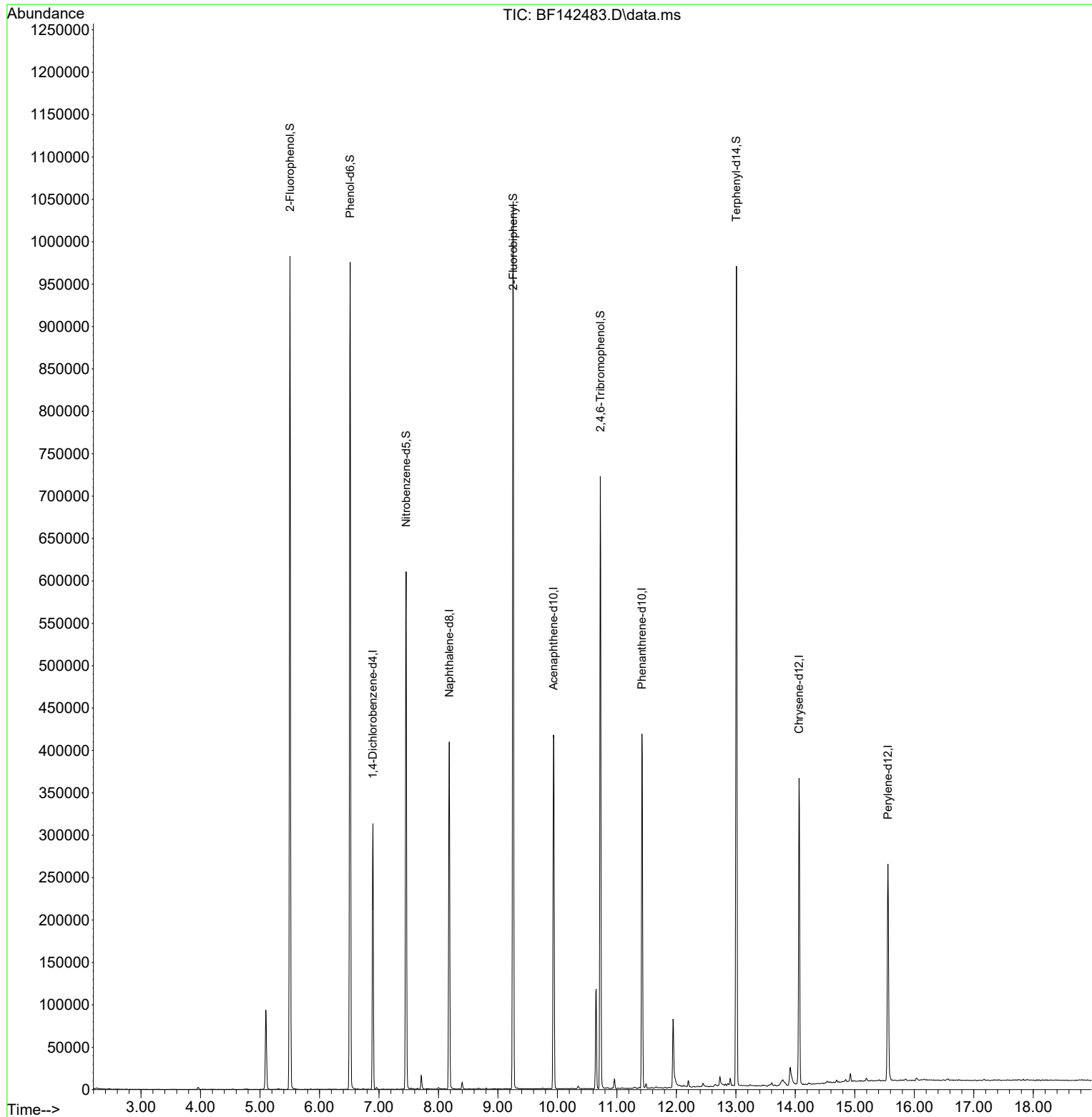
Target Compounds	Qvalue

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

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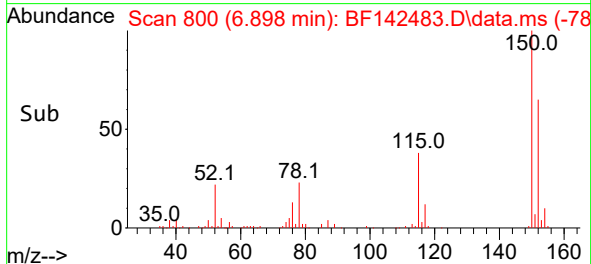
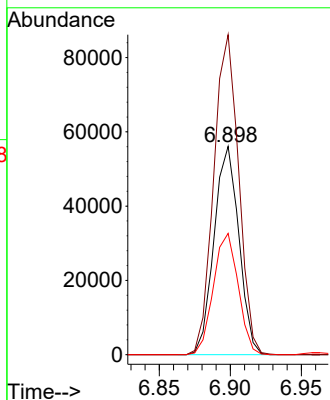
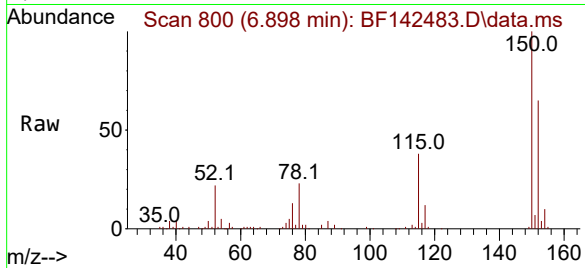




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142483.D
 Acq: 21 May 2025 13:11

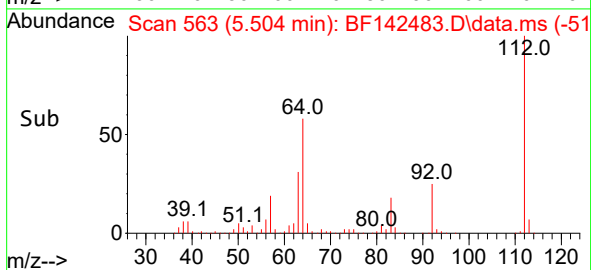
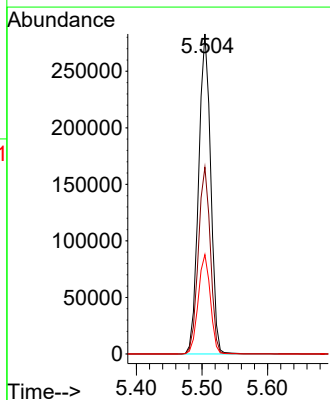
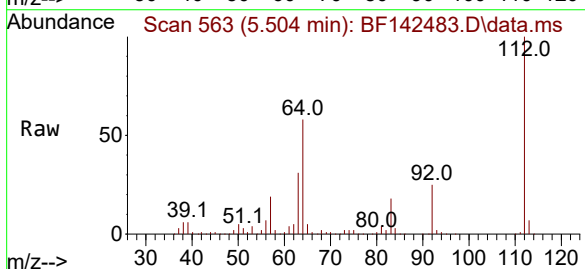
Instrument :
 BNA_F
 ClientSampleId :
 TP-38

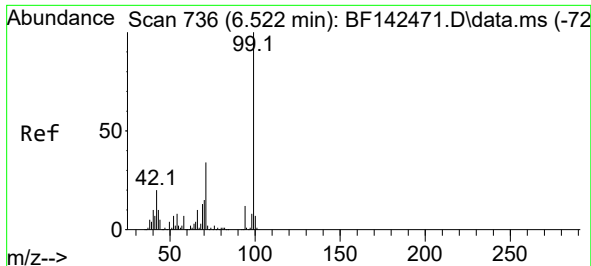
Tgt Ion:152 Resp: 68056
 Ion Ratio Lower Upper
 152 100
 150 153.7 128.2 192.4
 115 58.2 48.3 72.5



#5
 2-Fluorophenol
 Concen: 90.219 ng
 RT: 5.504 min Scan# 563
 Delta R.T. -0.012 min
 Lab File: BF142483.D
 Acq: 21 May 2025 13:11

Tgt Ion:112 Resp: 364442
 Ion Ratio Lower Upper
 112 100
 64 58.4 47.5 71.3
 63 31.0 24.9 37.3

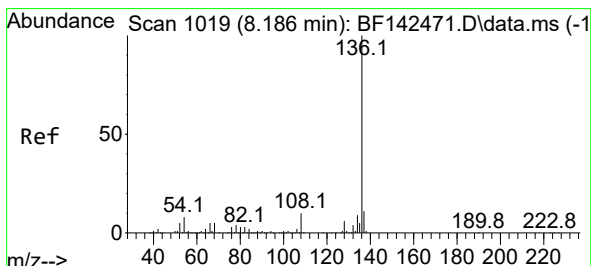
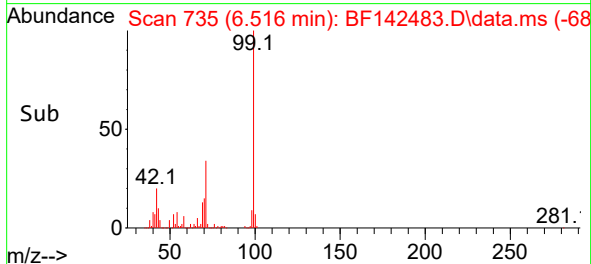
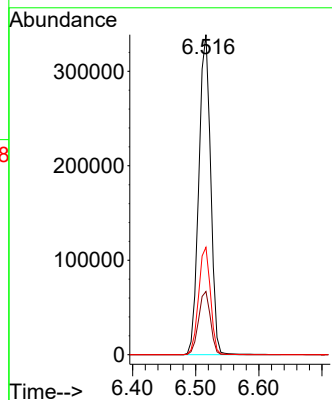
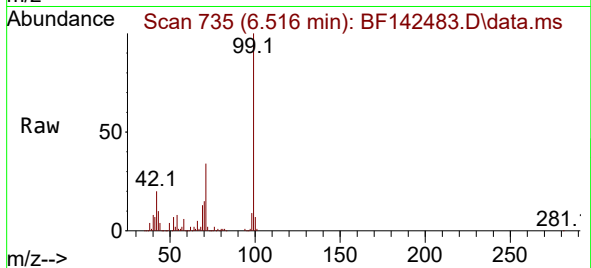




#7
Phenol-d6
Concen: 90.520 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF142483.D
Acq: 21 May 2025 13:11

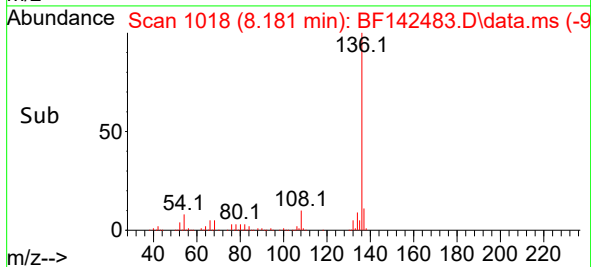
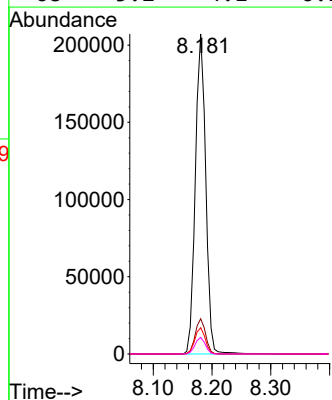
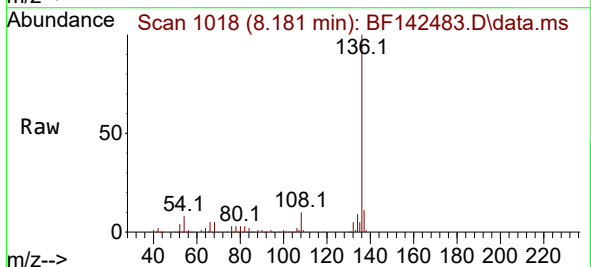
Instrument :
BNA_F
ClientSampleId :
TP-38

Tgt Ion: 99 Resp: 440164
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.6 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: BF142483.D
Acq: 21 May 2025 13:11

Tgt Ion: 136 Resp: 253884
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.2 6.6 10.0
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 53.928 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF142483.D

Acq: 21 May 2025 13:11

Instrument :

BNA_F

ClientSampleId :

TP-38

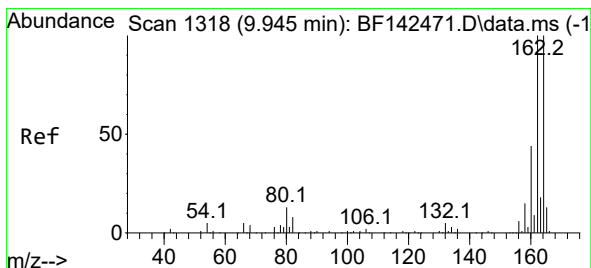
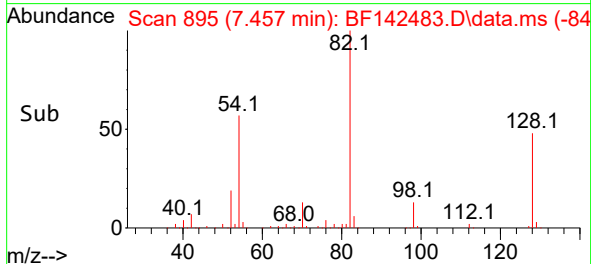
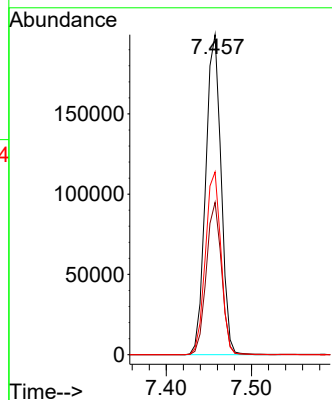
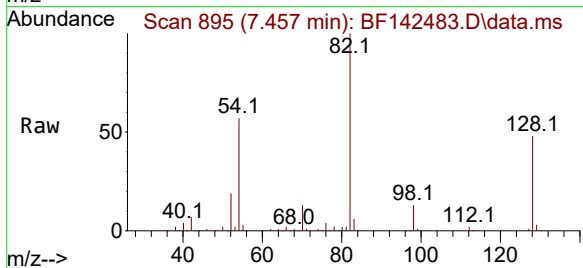
Tgt Ion: 82 Resp: 251086

Ion Ratio Lower Upper

82 100

128 47.6 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: BF142483.D

Acq: 21 May 2025 13:11

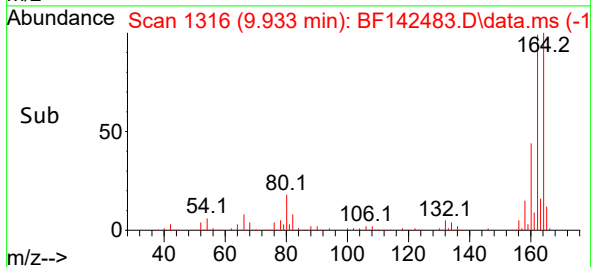
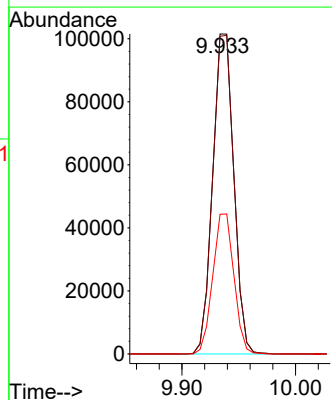
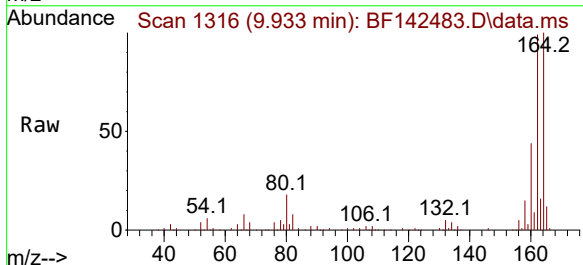
Tgt Ion:164 Resp: 131199

Ion Ratio Lower Upper

164 100

162 99.3 80.2 120.4

160 43.6 35.6 53.4

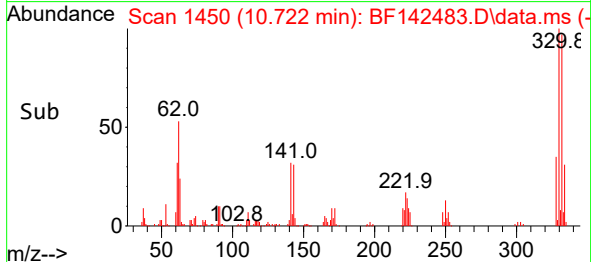
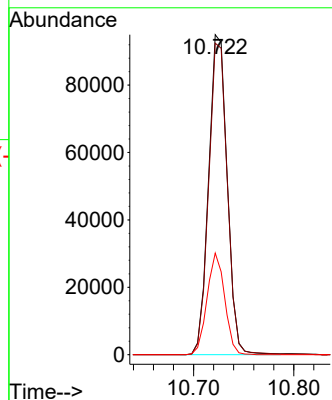
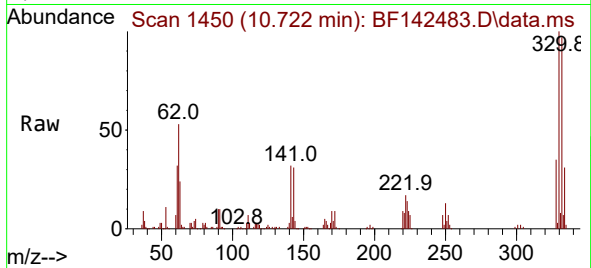




#42
2,4,6-Tribromophenol
Concen: 84.178 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.017 min
Lab File: BF142483.D
Acq: 21 May 2025 13:11

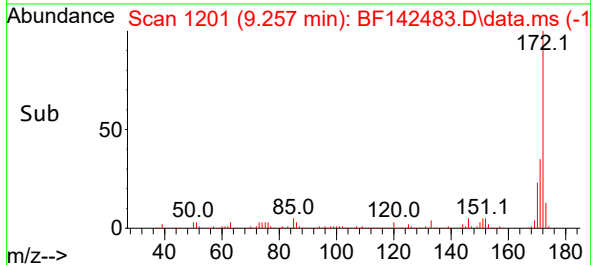
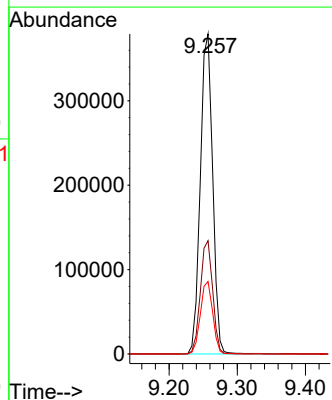
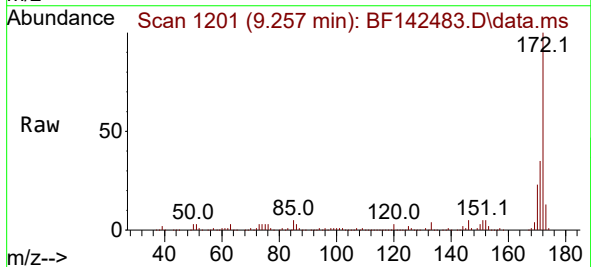
Instrument :
BNA_F
ClientSampleId :
TP-38

Tgt Ion: 330 Resp: 122575
Ion Ratio Lower Upper
330 100
332 97.8 77.6 116.4
141 30.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 48.886 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142483.D
Acq: 21 May 2025 13:11

Tgt Ion: 172 Resp: 477981
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 22.7 18.9 28.3

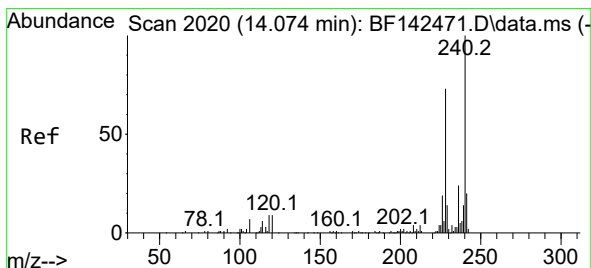
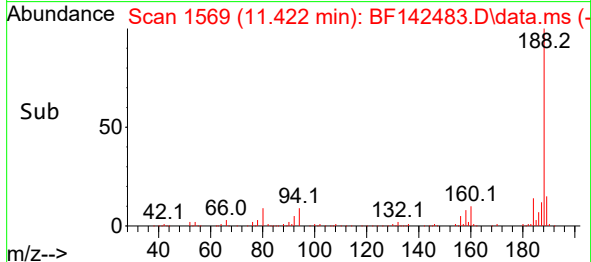
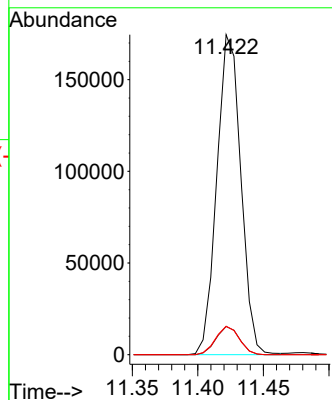
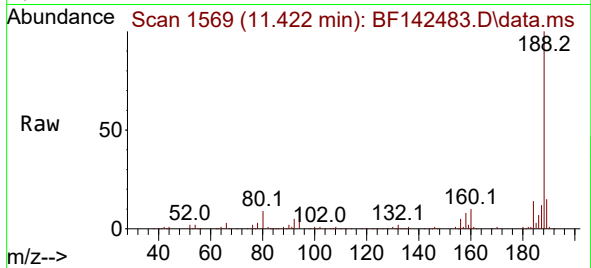




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142483.D
Acq: 21 May 2025 13:11

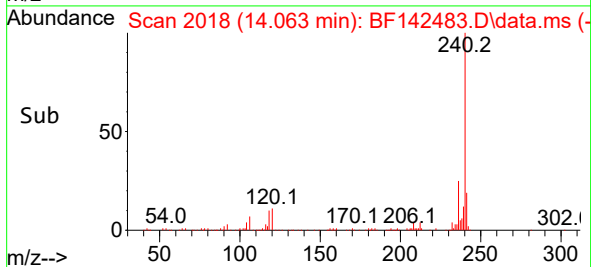
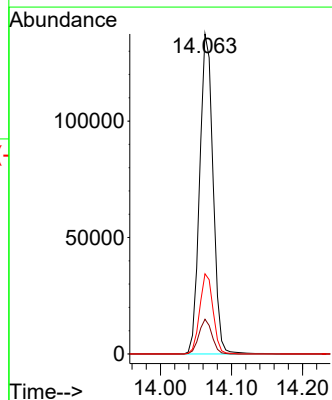
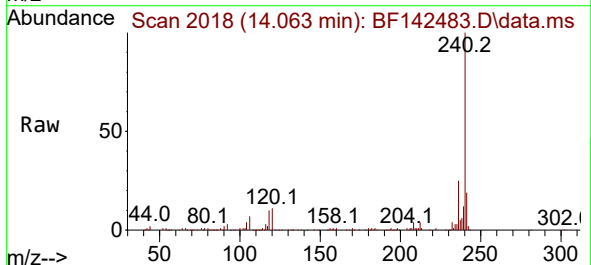
Instrument :
BNA_F
ClientSampleId :
TP-38

Tgt Ion:188 Resp: 222108
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 8.9 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: BF142483.D
Acq: 21 May 2025 13:11

Tgt Ion:240 Resp: 180491
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.1 19.6 29.4

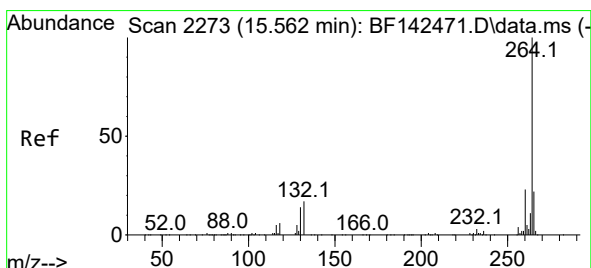
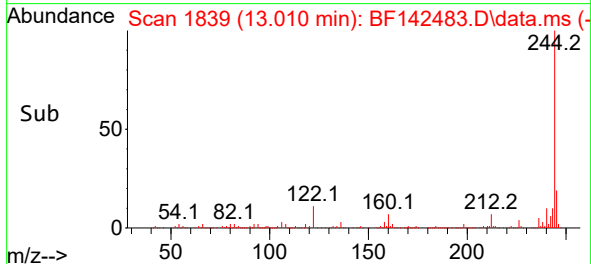
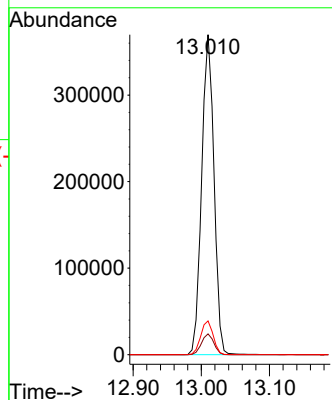
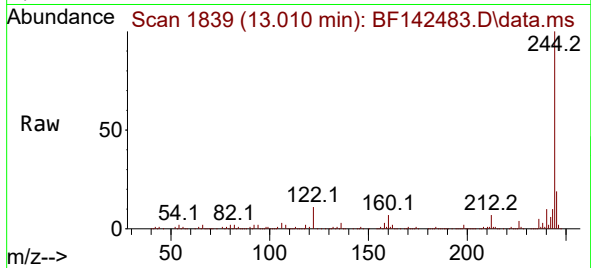




#79
 Terphenyl-d14
 Concen: 35.215 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142483.D
 Acq: 21 May 2025 13:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Tgt Ion:244 Resp: 465119
 Ion Ratio Lower Upper
 244 100
 212 6.5 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: BF142483.D
 Acq: 21 May 2025 13:11

Tgt Ion:264 Resp: 152122
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.2 17.7 26.5

