

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142498.D
 Acq On : 21 May 2025 20:32
 Operator : RC/JU
 Sample : Q2074-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Quant Time: May 22 01:02:51 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)

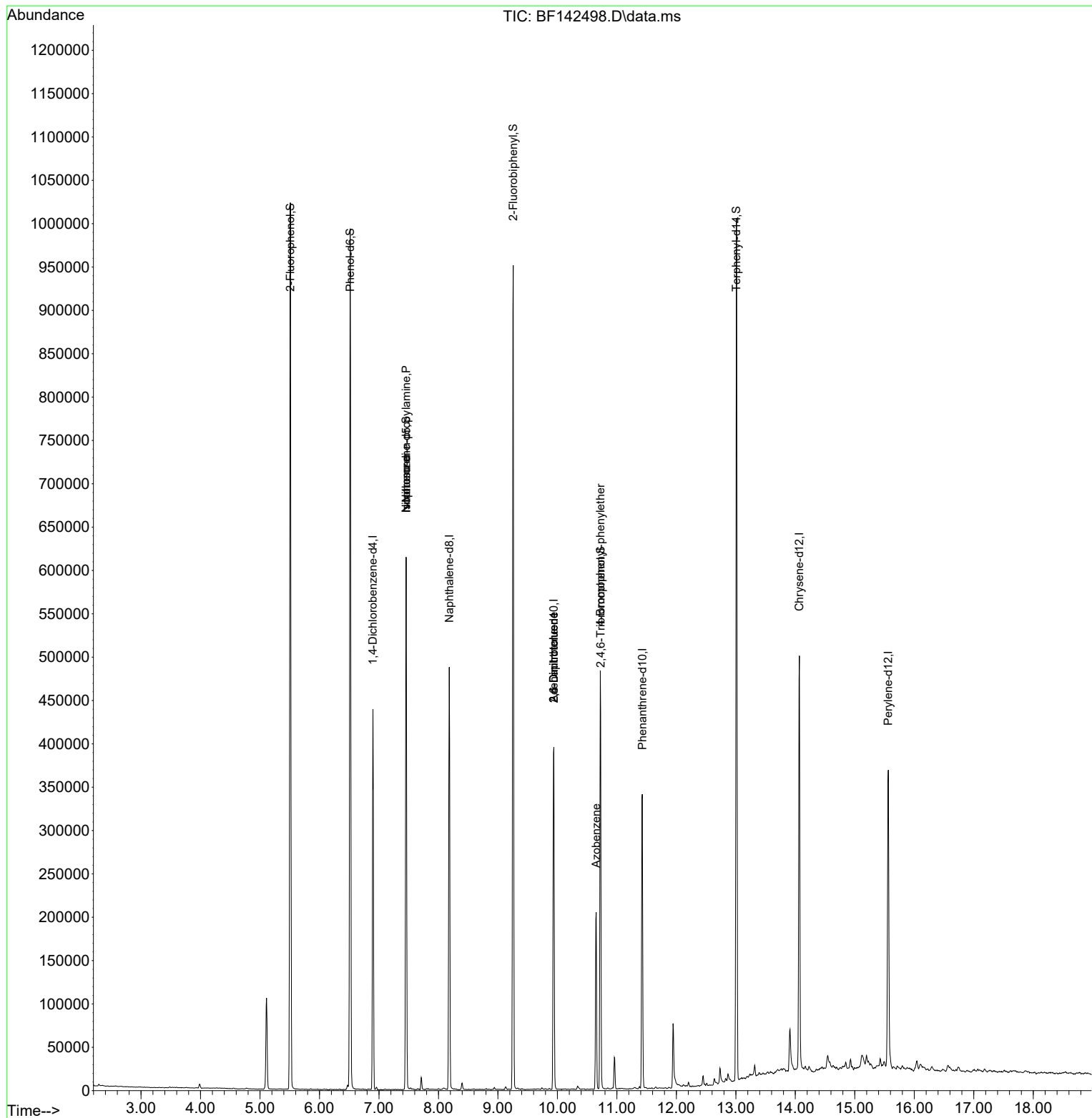
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	93778	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	305155	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	121772	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	185219	20.000	ng	0.00
76) Chrysene-d12	14.069	240	233381	20.000	ng	0.00
86) Perylene-d12	15.563	264	204381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	383470	68.892	ng	0.00
7) Phenol-d6	6.516	99	445781	66.530	ng	-0.02
23) Nitrobenzene-d5	7.457	82	250254	44.718	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	83294	61.630	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	429388	47.316	ng	-0.01
79) Terphenyl-d14	13.010	244	472603	27.673	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	33604	8.092	ng	# 76
25) Isophorone	7.457	82	240549	25.709	ng	# 63
51) 2,6-Dinitrotoluene	9.939	165	15981	9.215	ng	# 26
57) 2,4-Dinitrotoluene	9.939	165	15981	7.056	ng	# 27
63) Azobenzene	10.651	77	48982	6.949	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	5584	2.550	ng	# 1

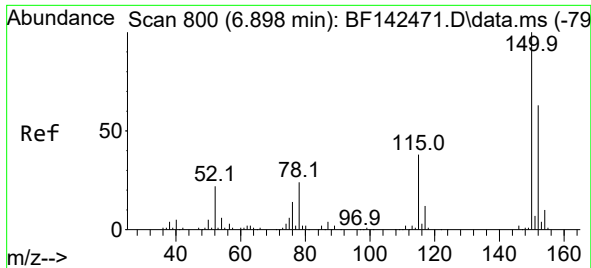
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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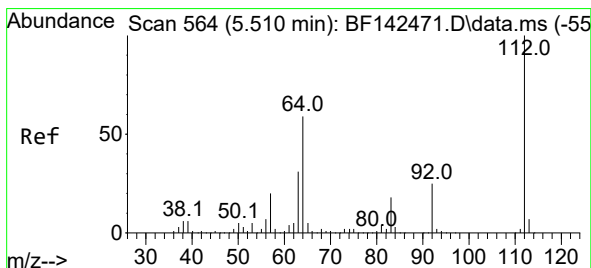
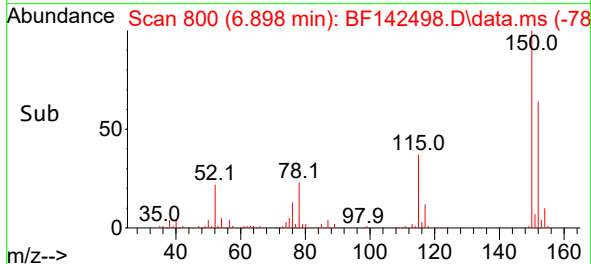
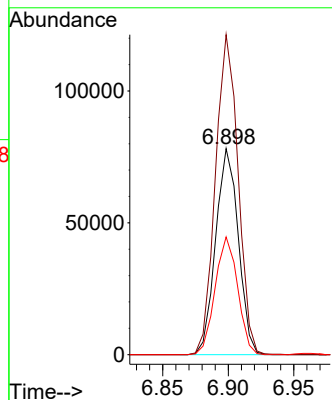
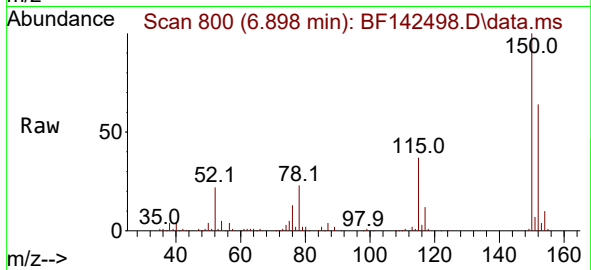




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142498.D
Acq: 21 May 2025 20:32

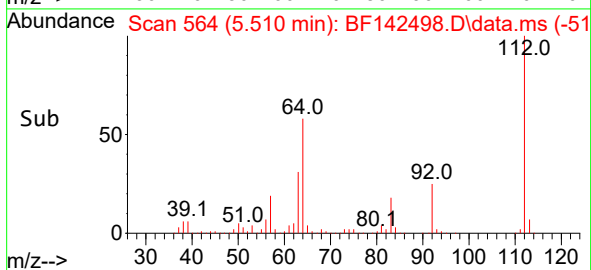
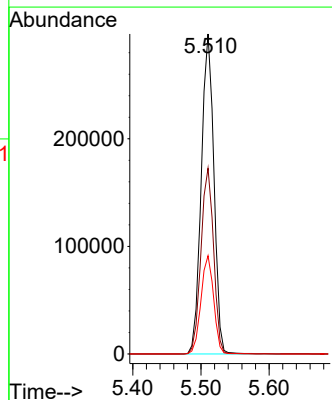
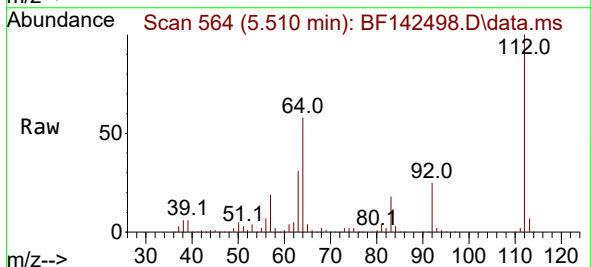
Instrument :
BNA_F
ClientSampleId :
TP-15

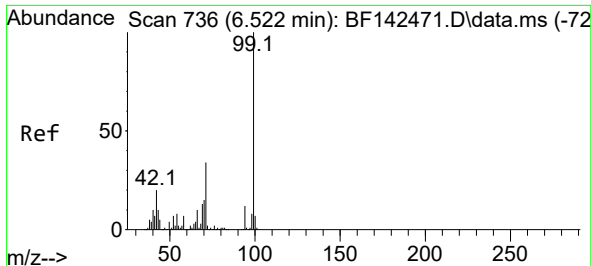
Tgt Ion:152 Resp: 93778
Ion Ratio Lower Upper
152 100
150 155.3 128.2 192.4
115 57.2 48.3 72.5



#5
2-Fluorophenol
Concen: 68.892 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142498.D
Acq: 21 May 2025 20:32

Tgt Ion:112 Resp: 383470
Ion Ratio Lower Upper
112 100
64 58.0 47.5 71.3
63 30.7 24.9 37.3

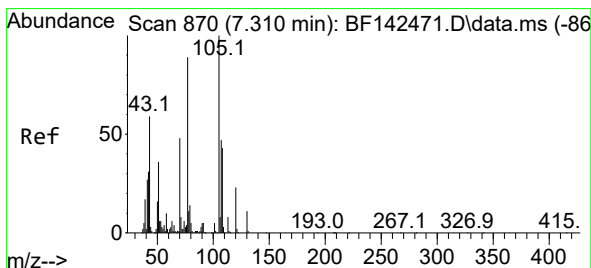
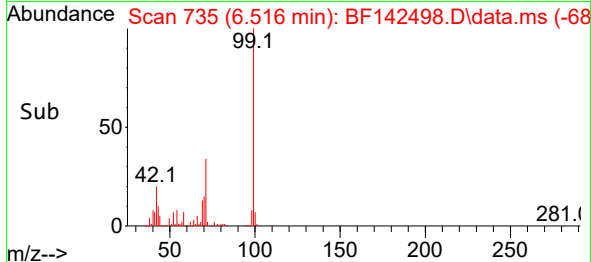
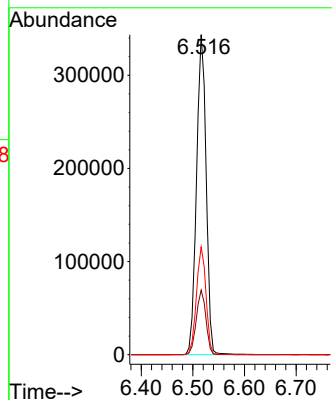
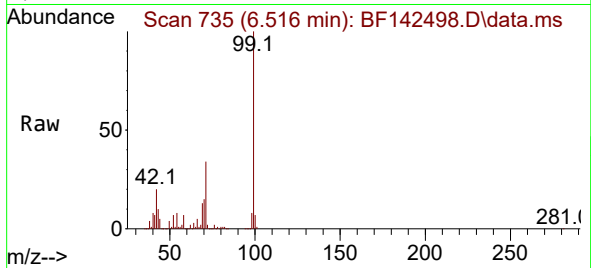




#7
Phenol-d6
Concen: 66.530 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF142498.D
Acq: 21 May 2025 20:32

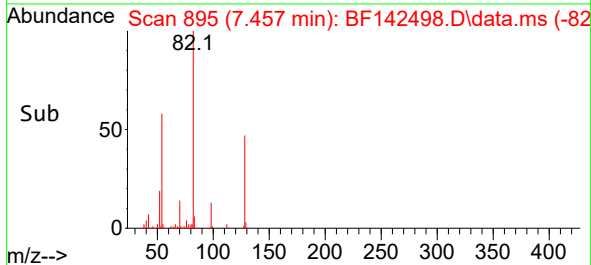
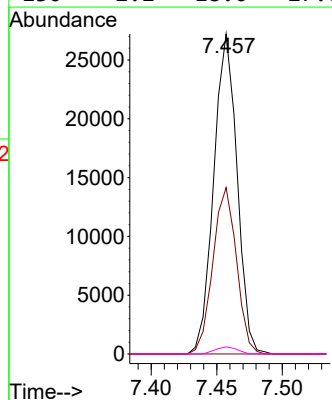
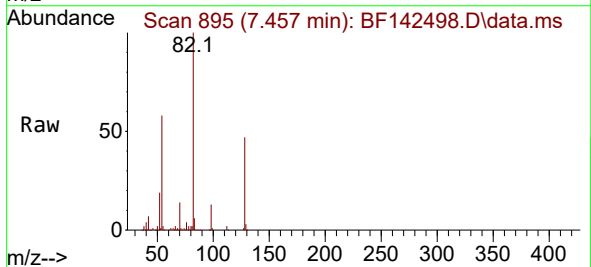
Instrument :
BNA_F
ClientSampleId :
TP-15

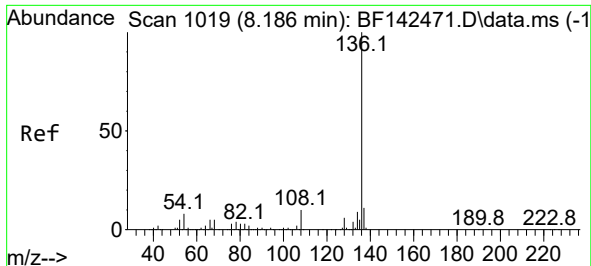
Tgt Ion: 99 Resp: 445781
Ion Ratio Lower Upper
99 100
42 20.2 16.2 24.2
71 33.6 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 8.092 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142498.D
Acq: 21 May 2025 20:32

Tgt Ion: 70 Resp: 33604
Ion Ratio Lower Upper
70 100
42 52.0 52.4 78.6#
101 0.0 7.8 11.8#
130 2.2 18.0 27.0#

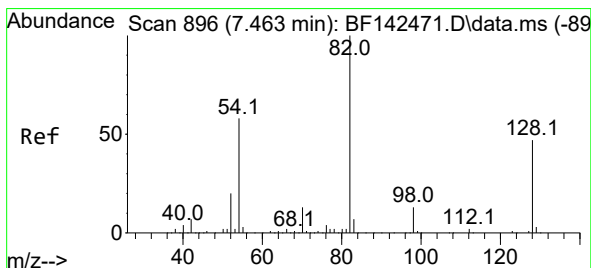
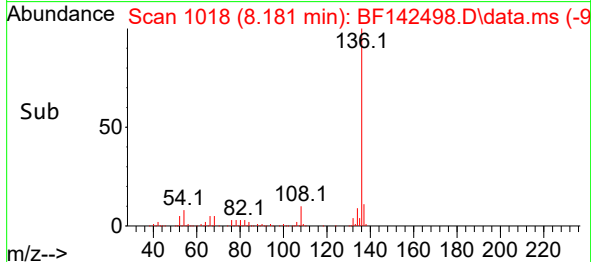
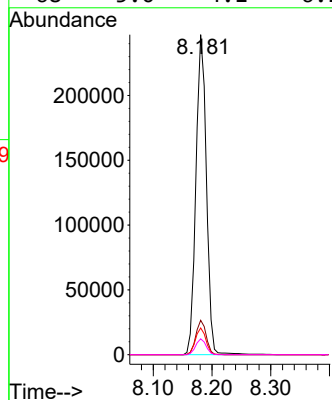
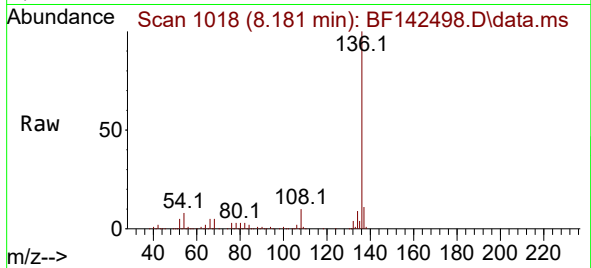




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142498.D
Acq: 21 May 2025 20:32

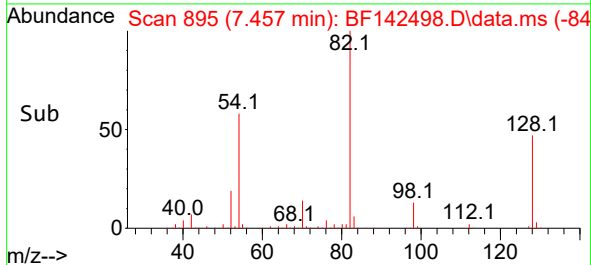
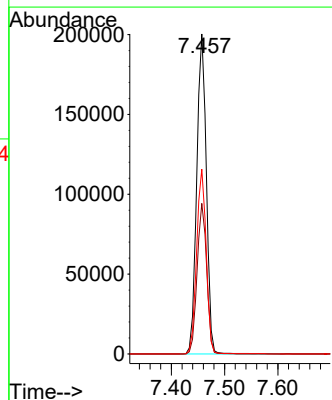
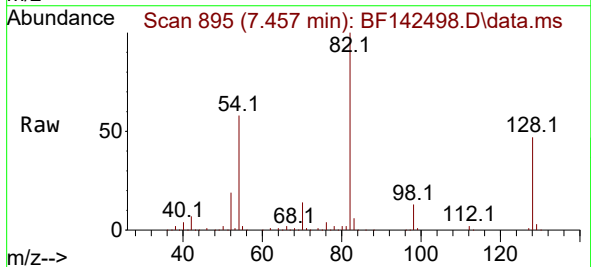
Instrument :
BNA_F
ClientSampleId :
TP-15

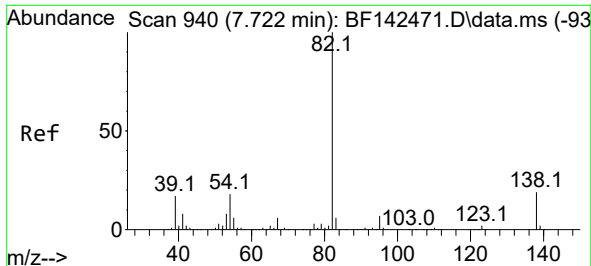
Tgt Ion:136 Resp: 305155
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 6.6 10.0
68 5.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 44.718 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142498.D
Acq: 21 May 2025 20:32

Tgt Ion: 82 Resp: 250254
Ion Ratio Lower Upper
82 100
128 47.0 37.4 56.2
54 57.8 46.6 70.0

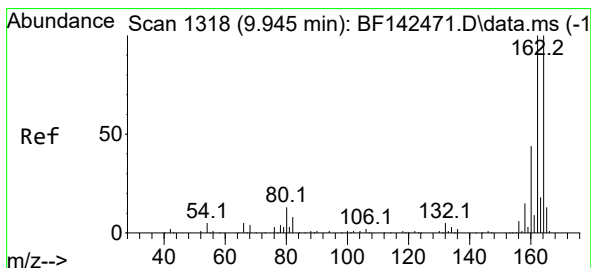
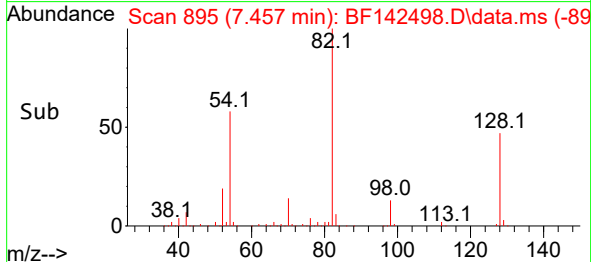
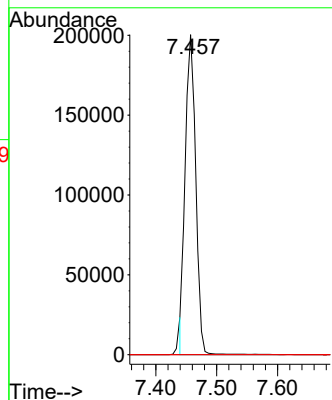
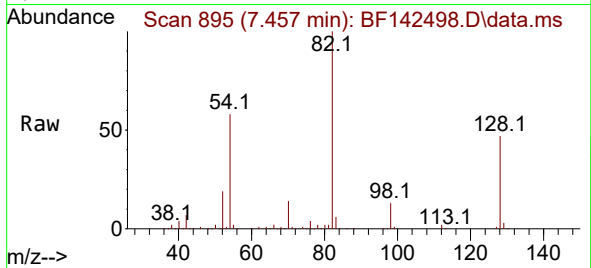




#25
Isophorone
Concen: 25.709 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142498.D
Acq: 21 May 2025 20:32

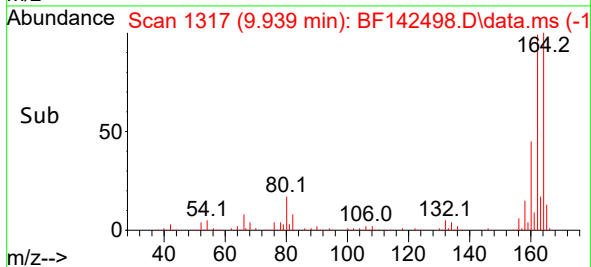
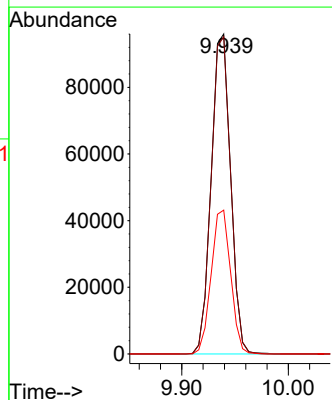
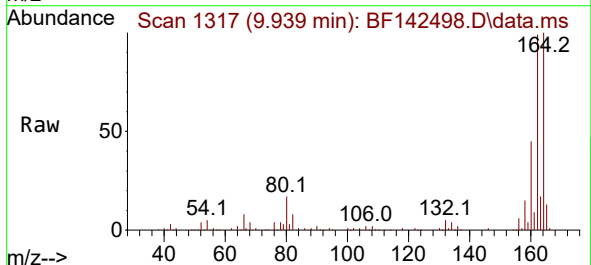
Instrument :
BNA_F
ClientSampleId :
TP-15

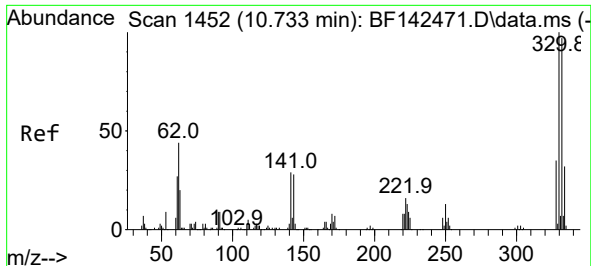
Tgt Ion: 82 Resp: 240549
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142498.D
Acq: 21 May 2025 20:32

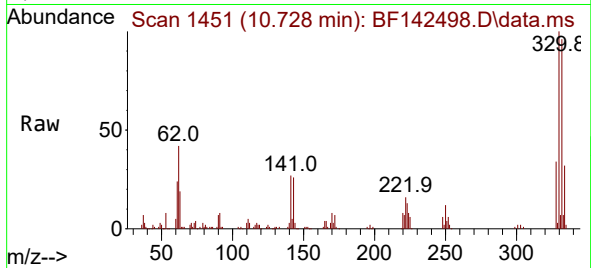
Tgt Ion:164 Resp: 121772
Ion Ratio Lower Upper
164 100
162 99.2 80.2 120.4
160 44.9 35.6 53.4



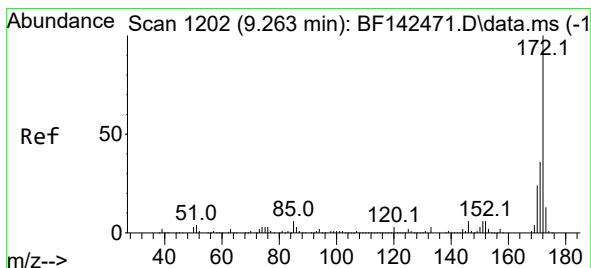
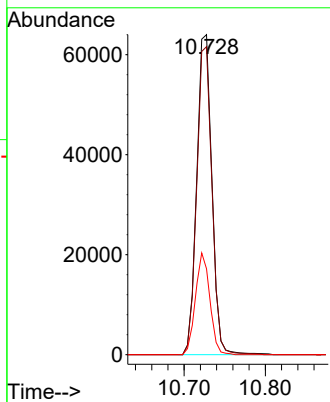
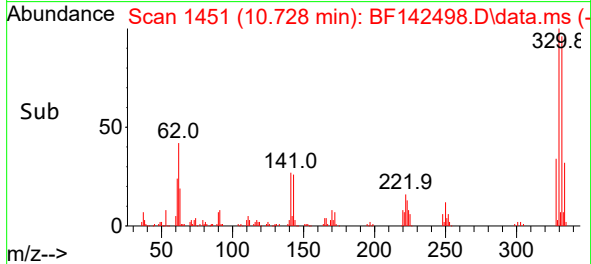


#42
2,4,6-Tribromophenol
Concen: 61.630 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142498.D
Acq: 21 May 2025 20:32

Instrument :
BNA_F
ClientSampleId :
TP-15

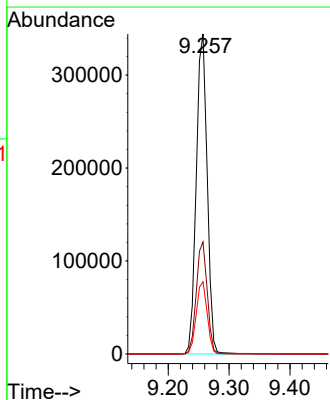
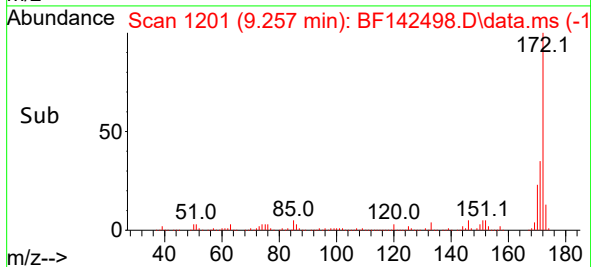
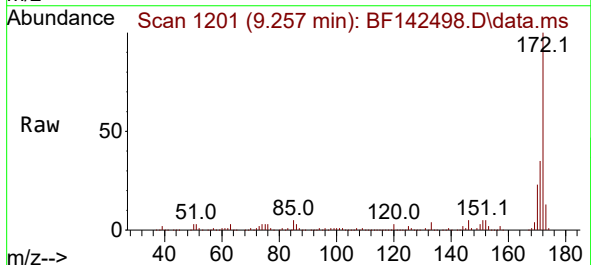


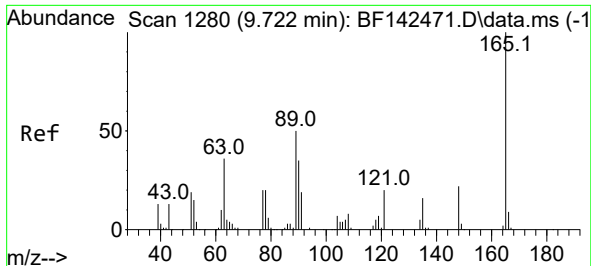
Tgt Ion:330 Resp: 83294
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 30.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 47.316 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142498.D
Acq: 21 May 2025 20:32

Tgt Ion:172 Resp: 429388
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 22.6 18.9 28.3

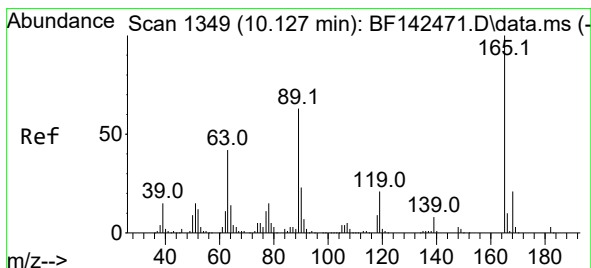
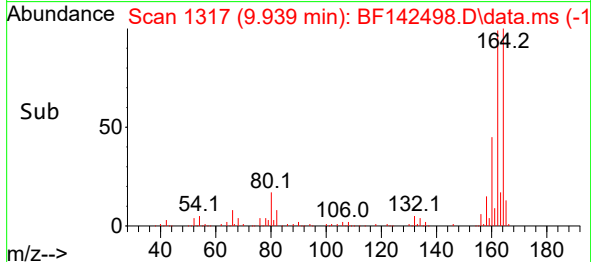
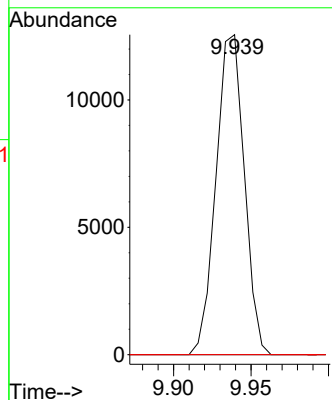
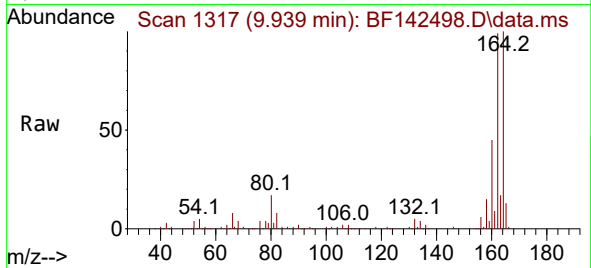




#51
2,6-Dinitrotoluene
Concen: 9.215 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142498.D
Acq: 21 May 2025 20:32

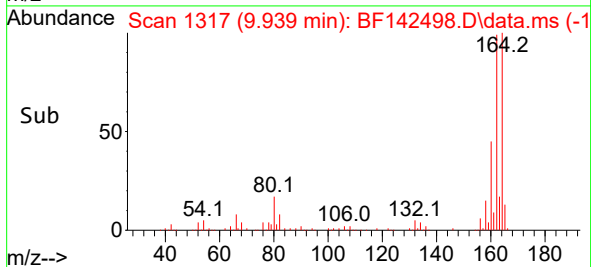
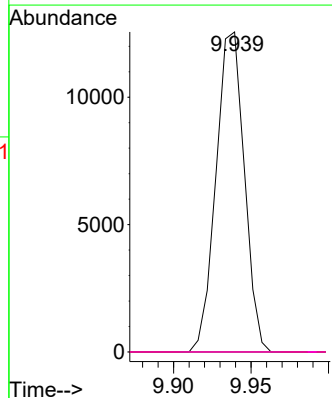
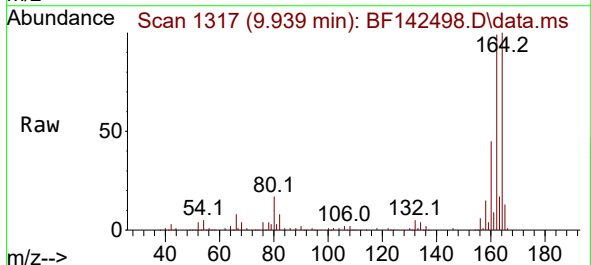
Instrument :
BNA_F
ClientSampleId :
TP-15

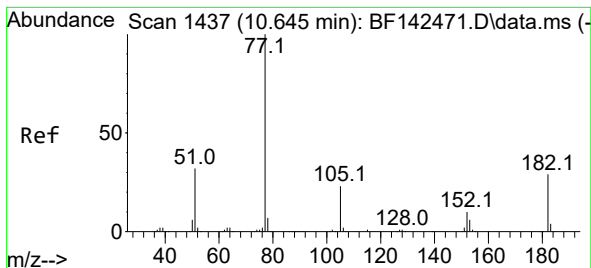
Tgt Ion:165 Resp: 15981
Ion Ratio Lower Upper
165 100
63 0.0 42.9 64.3#
89 0.0 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 7.056 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.194 min
Lab File: BF142498.D
Acq: 21 May 2025 20:32

Tgt Ion:165 Resp: 15981
Ion Ratio Lower Upper
165 100
63 0.0 33.6 50.4#
89 0.0 50.2 75.4#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 6.949 ng

RT: 10.651 min Scan# 1438

Delta R.T. 0.006 min

Lab File: BF142498.D

Acq: 21 May 2025 20:32

Instrument :

BNA_F

ClientSampleId :

TP-15

Tgt Ion: 77 Resp: 48982

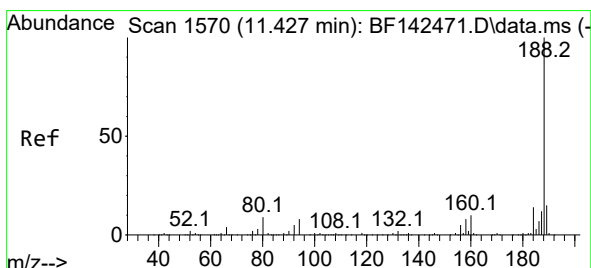
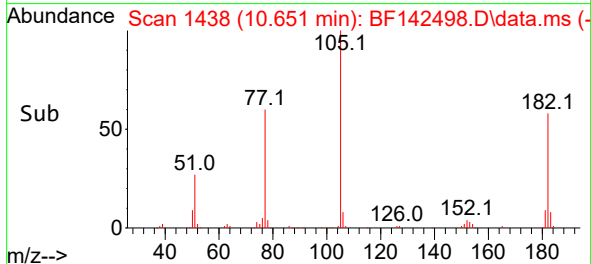
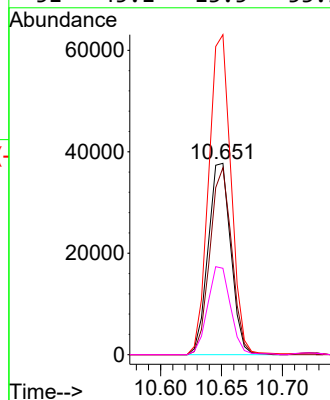
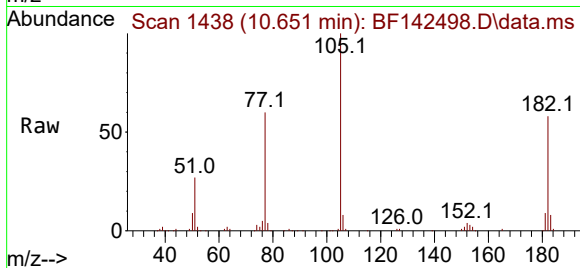
Ion Ratio Lower Upper

77 100

182 97.7 9.0 49.0#

105 167.3 2.4 42.4#

51 45.1 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142498.D

Acq: 21 May 2025 20:32

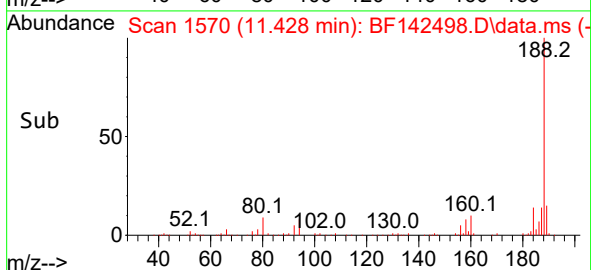
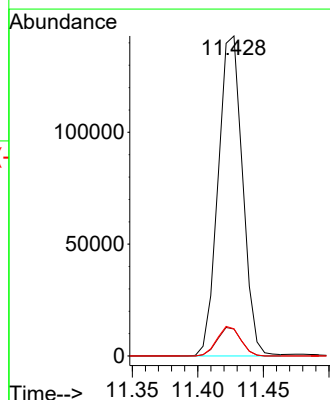
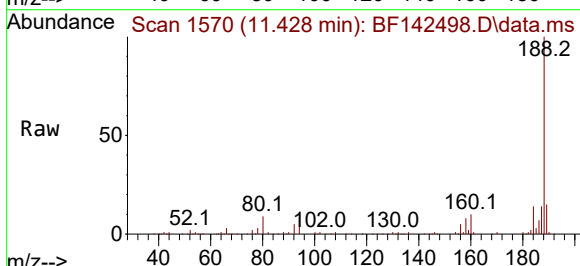
Tgt Ion:188 Resp: 185219

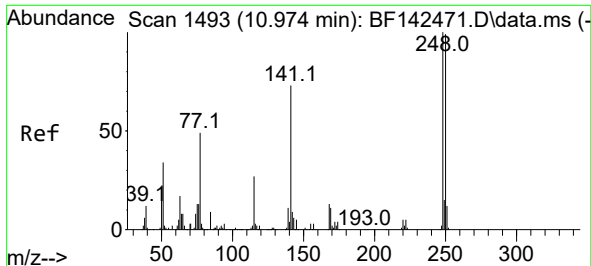
Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 8.5 7.4 11.0

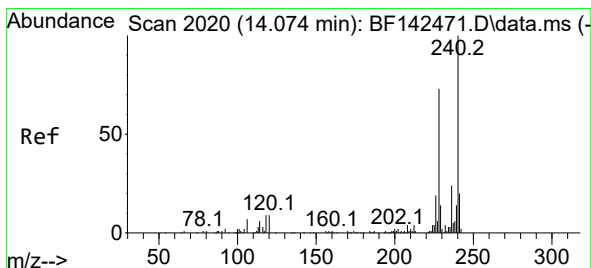
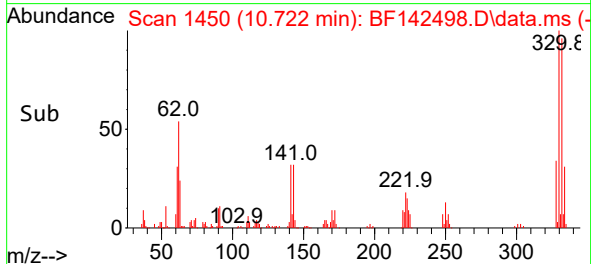
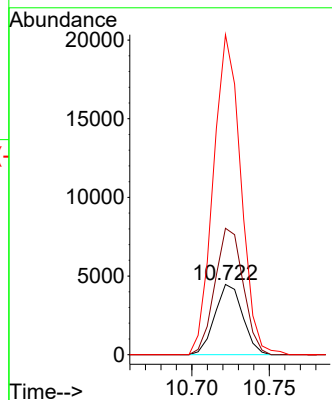
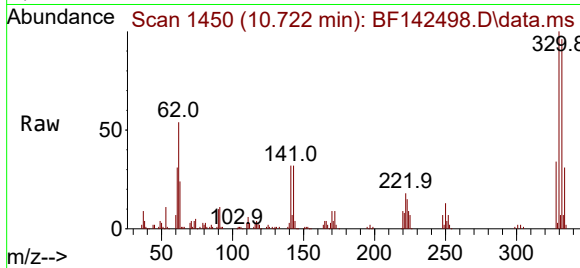




#67
4-Bromophenyl-phenylether
Concen: 2.550 ng
RT: 10.722 min Scan# 1493
Delta R.T. -0.253 min
Lab File: BF142498.D
Acq: 21 May 2025 20:32

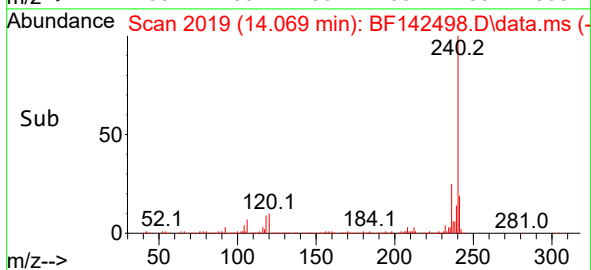
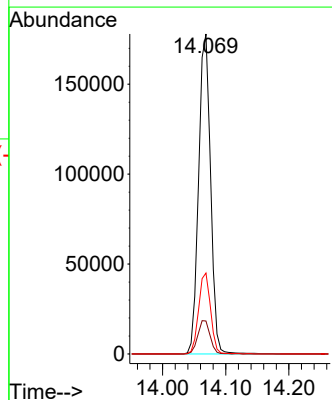
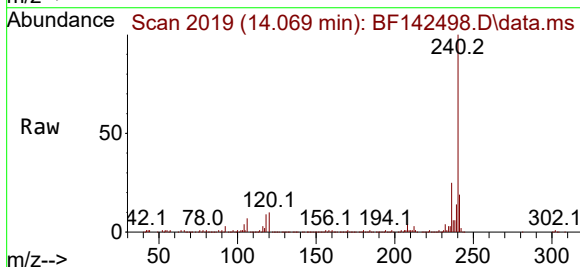
Instrument :
BNA_F
ClientSampleId :
TP-15

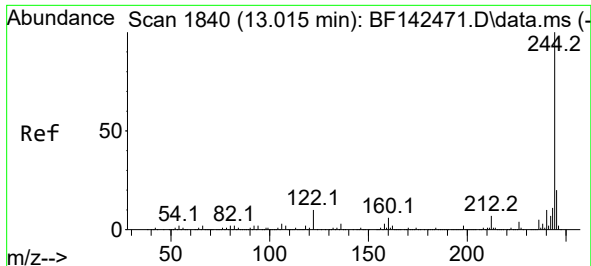
Tgt Ion:248 Resp: 5584
Ion Ratio Lower Upper
248 100
250 180.1 79.0 118.4#
141 455.8 58.4 87.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142498.D
Acq: 21 May 2025 20:32

Tgt Ion:240 Resp: 233381
Ion Ratio Lower Upper
240 100
120 10.3 7.5 11.3
236 25.3 19.6 29.4

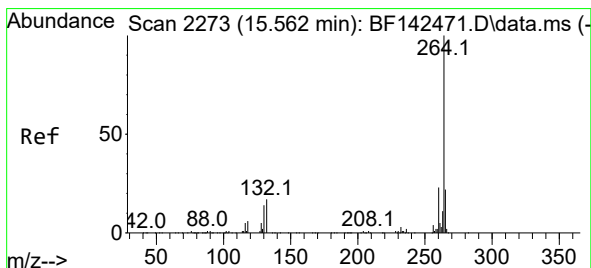
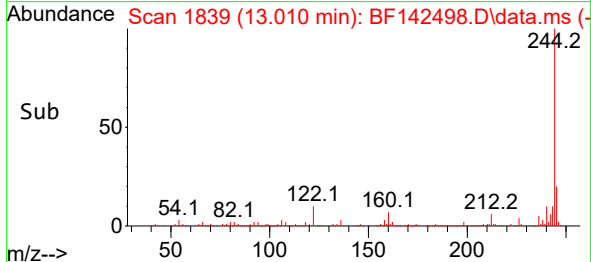
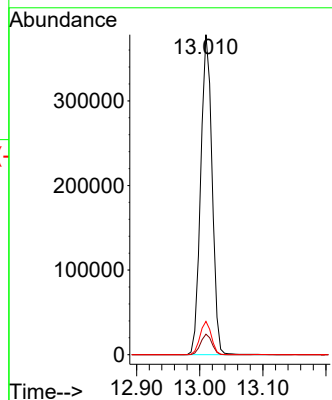
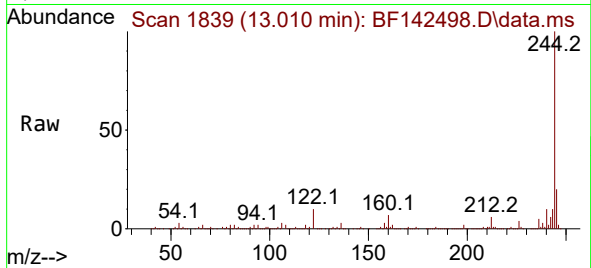




#79
 Terphenyl-d14
 Concen: 27.673 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142498.D
 Acq: 21 May 2025 20:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Tgt Ion:244 Resp: 472603
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.4 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142498.D
 Acq: 21 May 2025 20:32

Tgt Ion:264 Resp: 204381
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.8 17.7 26.5

