

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
 Data File : BF142514.D
 Acq On : 22 May 2025 17:03
 Operator : RC/JU
 Sample : Q2074-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Quant Time: May 23 01:22:23 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)

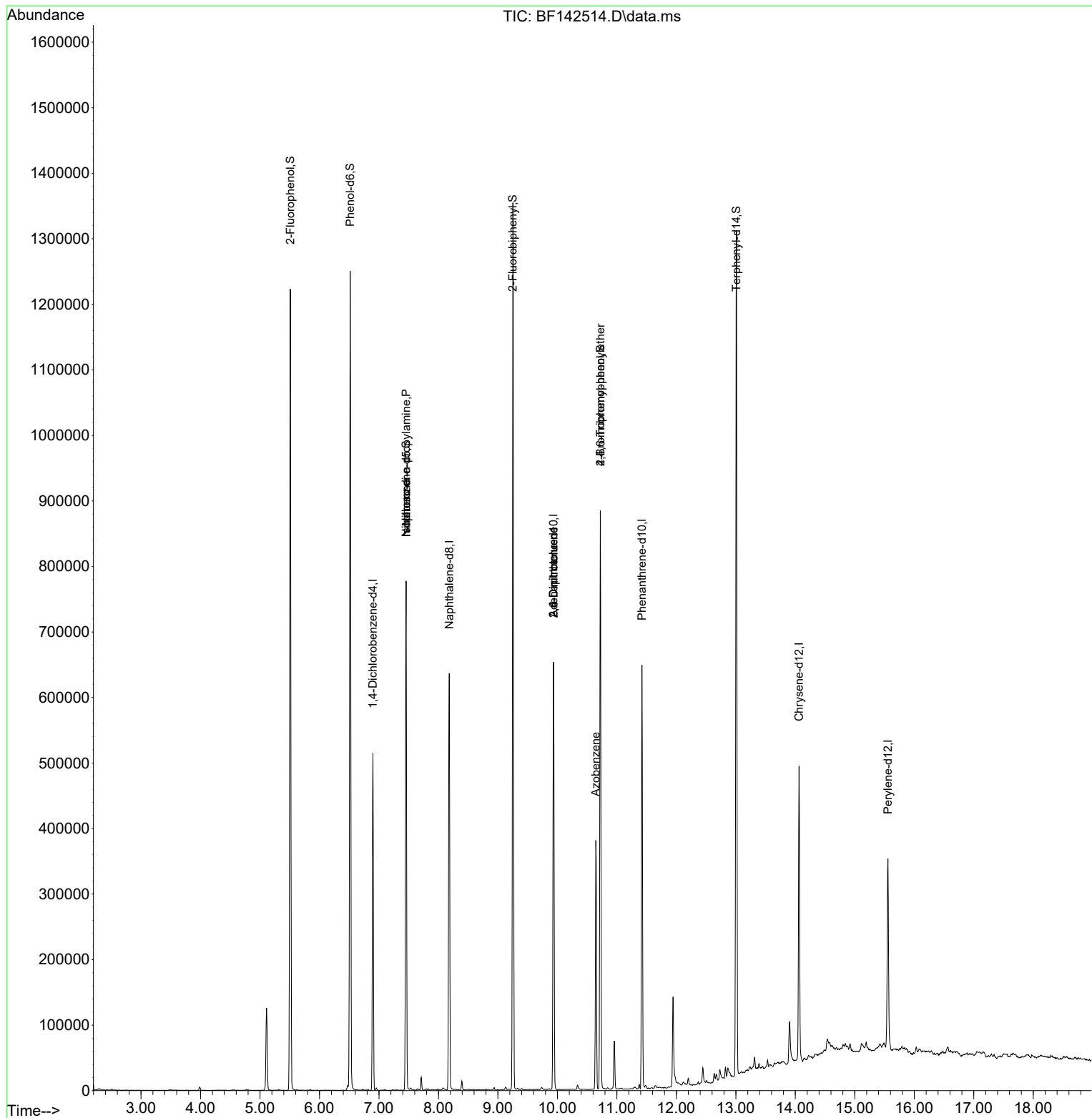
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	111156	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	403247	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	196334	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	331001	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	212263	20.000	ng	-0.01
86) Perylene-d12	15.557	264	172640	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	462988	70.174	ng	0.00
7) Phenol-d6	6.516	99	573497	72.210	ng	-0.02
23) Nitrobenzene-d5	7.457	82	322818	43.653	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	150454	69.045	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	615030	42.035	ng	-0.02
79) Terphenyl-d14	13.010	244	634371	40.841	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	42658	8.666	ng	# 75
25) Isophorone	7.457	82	303753	24.567	ng	# 63
51) 2,6-Dinitrotoluene	9.934	165	24967	8.929	ng	# 27
57) 2,4-Dinitrotoluene	9.934	165	24967	6.837	ng	# 28
63) Azobenzene	10.645	77	93229	8.204	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	9621	2.458	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142514.D
Acq On : 22 May 2025 17:03
Operator : RC/JU
Sample : Q2074-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15

Quant Time: May 23 01:22:23 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

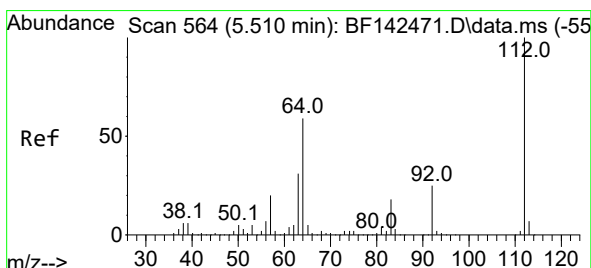
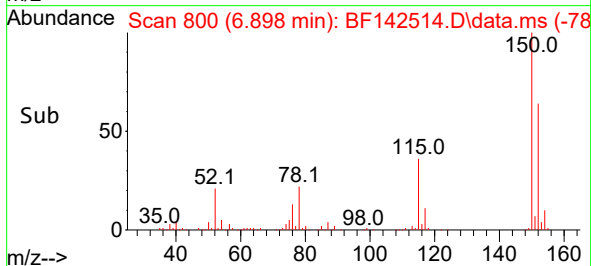
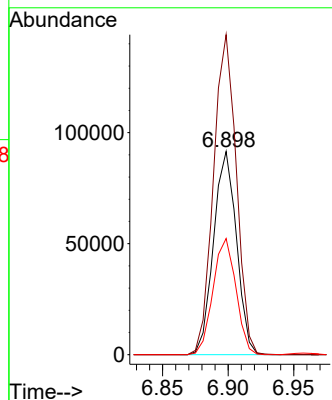
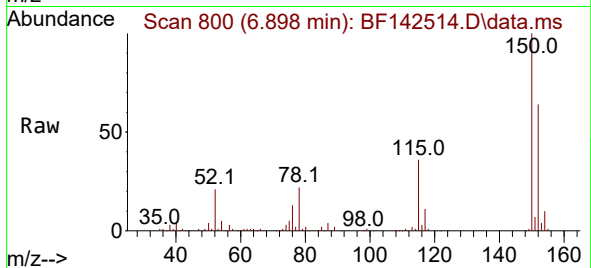




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

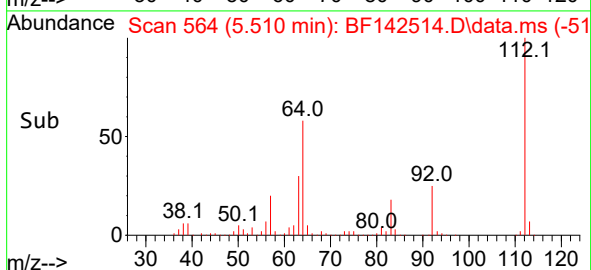
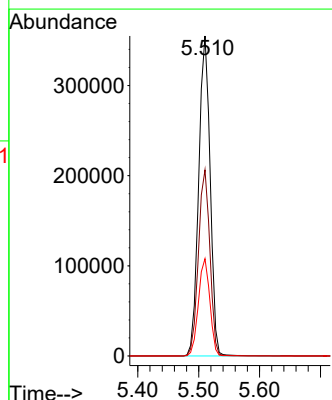
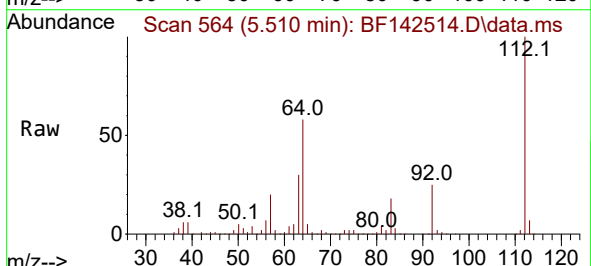
Instrument :
BNA_F
ClientSampleId :
TP-15

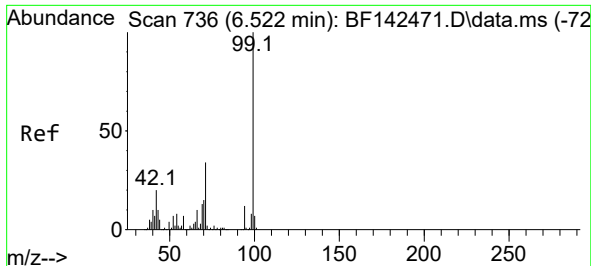
Tgt Ion:152 Resp: 111156
Ion Ratio Lower Upper
152 100
150 157.5 128.2 192.4
115 57.1 48.3 72.5



#5
2-Fluorophenol
Concen: 70.174 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

Tgt Ion:112 Resp: 462988
Ion Ratio Lower Upper
112 100
64 58.1 47.5 71.3
63 30.4 24.9 37.3





#7

Phenol-d6

Concen: 72.210 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF142514.D

Acq: 22 May 2025 17:03

Instrument :

BNA_F

ClientSampleId :

TP-15

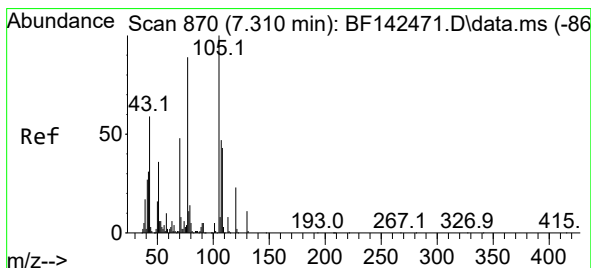
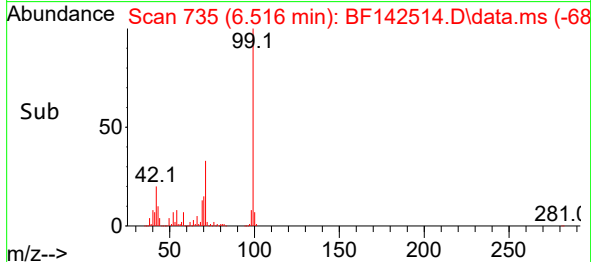
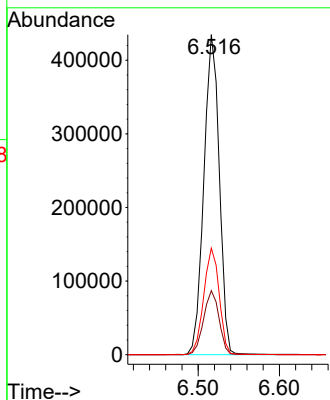
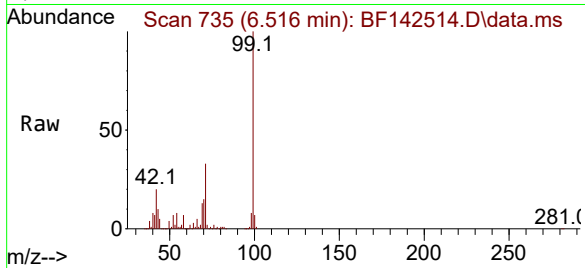
Tgt Ion: 99 Resp: 573497

Ion Ratio Lower Upper

99 100

42 20.0 16.2 24.2

71 33.3 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 8.666 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.130 min

Lab File: BF142514.D

Acq: 22 May 2025 17:03

Tgt Ion: 70 Resp: 42658

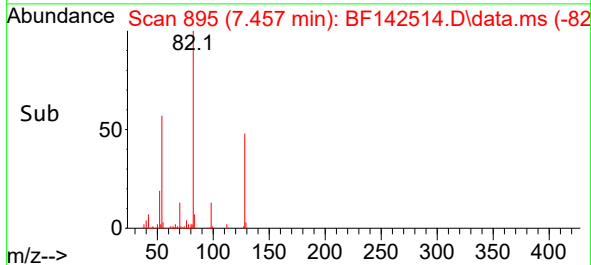
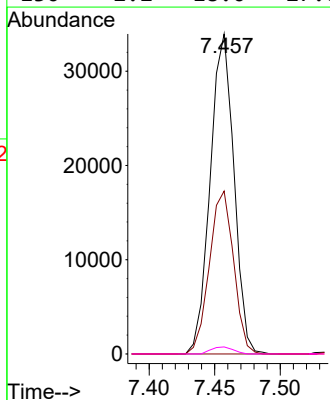
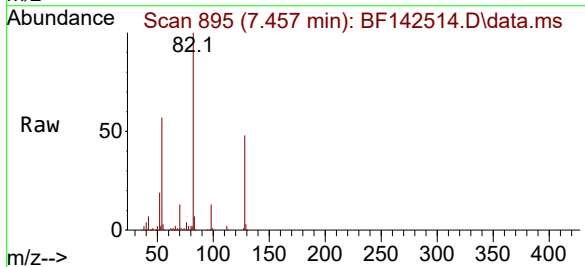
Ion Ratio Lower Upper

70 100

42 50.9 52.4 78.6#

101 0.0 7.8 11.8#

130 2.2 18.0 27.0#

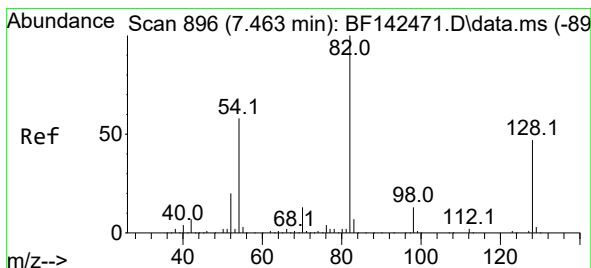
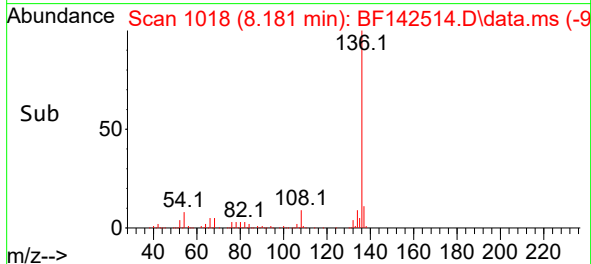
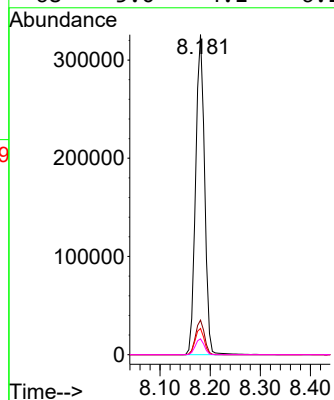
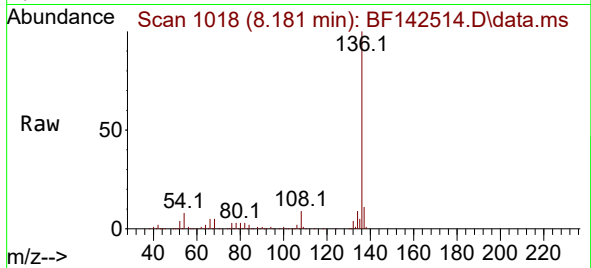




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

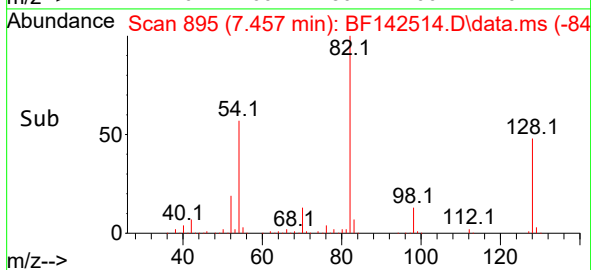
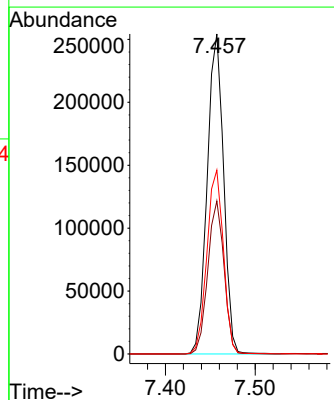
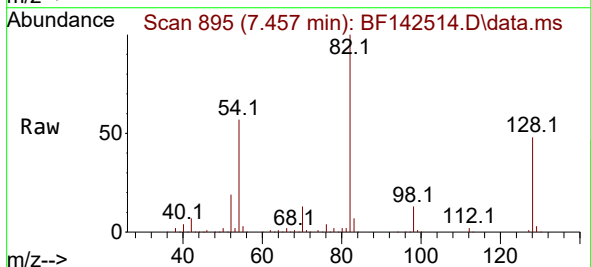
Instrument :
BNA_F
ClientSampleId :
TP-15

Tgt Ion:136 Resp: 403247
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 6.6 10.0
68 5.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 43.653 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

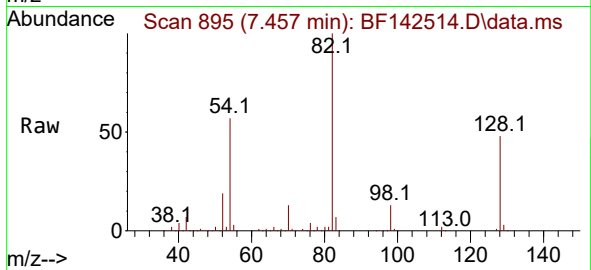
Tgt Ion: 82 Resp: 322818
Ion Ratio Lower Upper
82 100
128 47.8 37.4 56.2
54 57.5 46.6 70.0



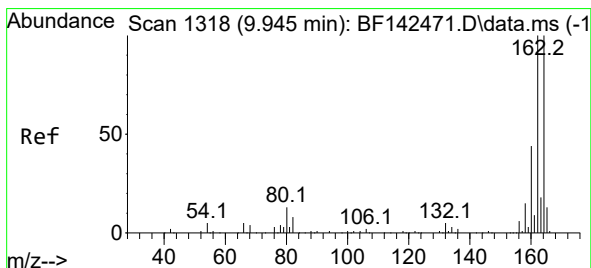
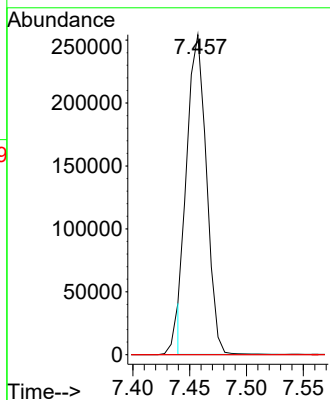
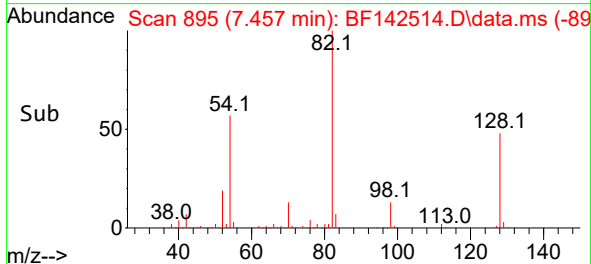


#25
Isophorone
Concen: 24.567 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

Instrument :
BNA_F
ClientSampleId :
TP-15

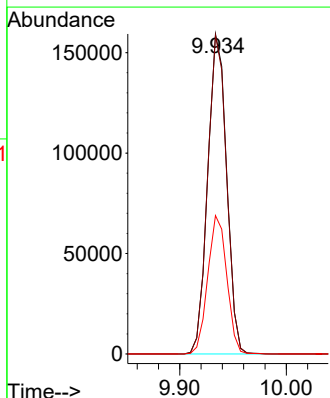
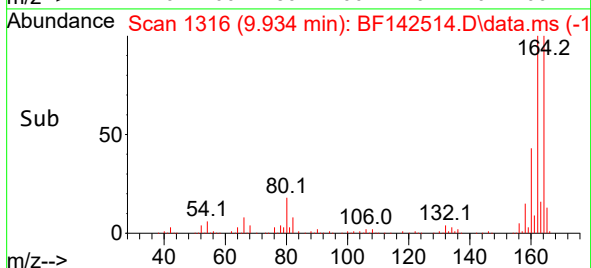
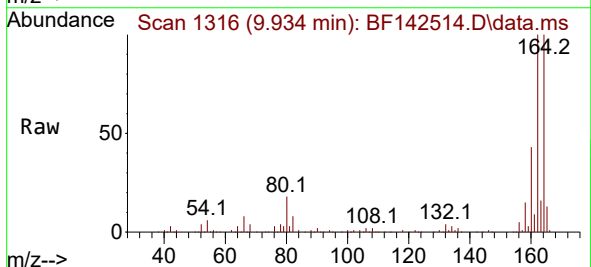


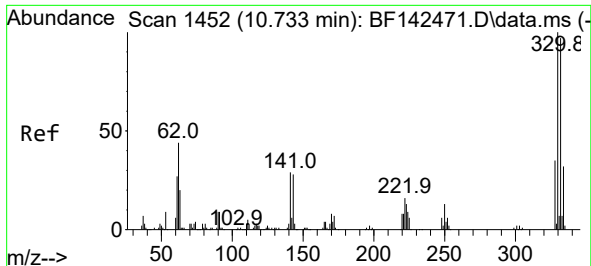
Tgt Ion: 82 Resp: 303753
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

Tgt Ion: 164 Resp: 196334
Ion Ratio Lower Upper
164 100
162 99.6 80.2 120.4
160 43.3 35.6 53.4

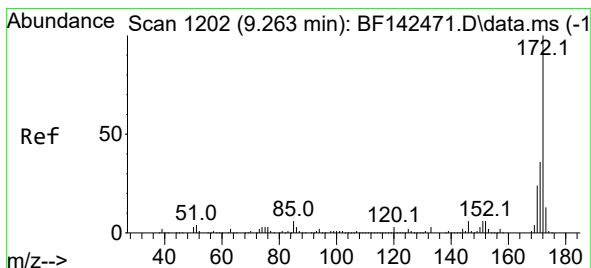
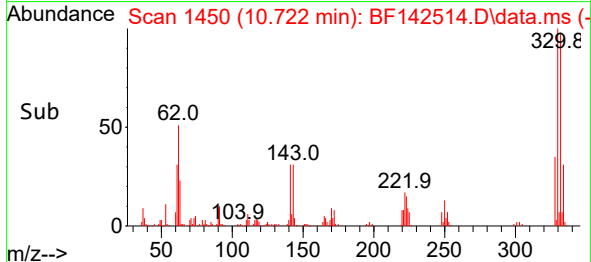
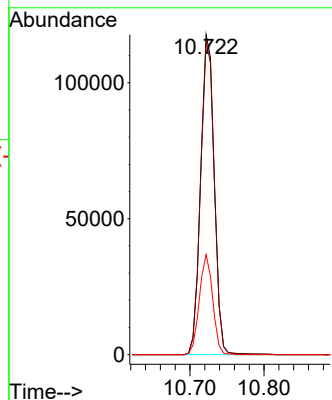
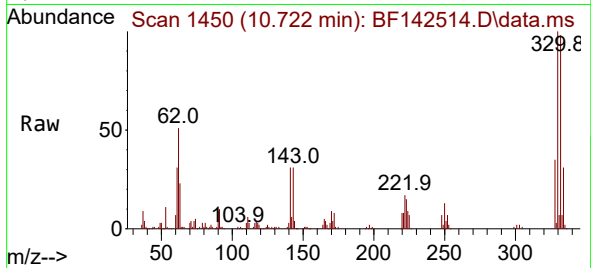




#42
 2,4,6-Tribromophenol
 Concen: 69.045 ng
 RT: 10.722 min Scan# 1450
 Delta R.T. -0.017 min
 Lab File: BF142514.D
 Acq: 22 May 2025 17:03

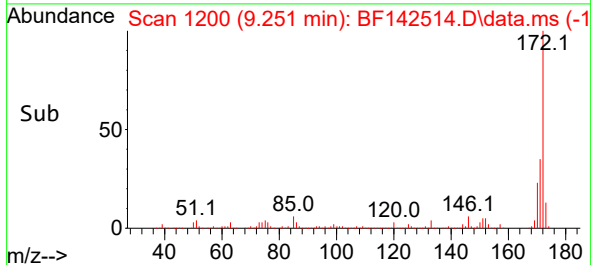
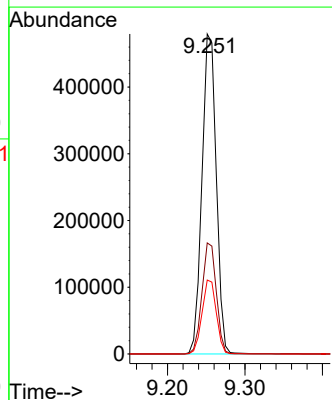
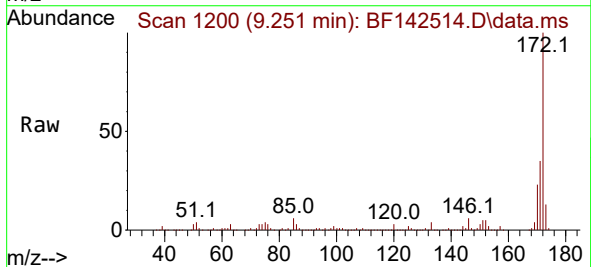
Instrument :
 BNA_F
 ClientSampleId :
 TP-15

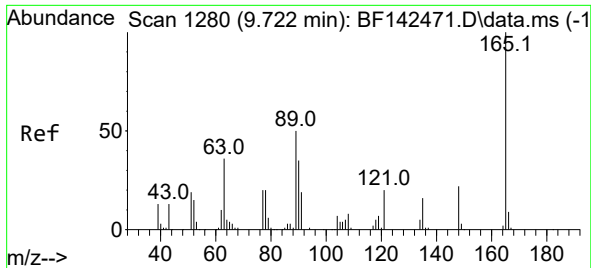
Tgt Ion: 330 Resp: 150454
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.6 116.4
 141 30.4 24.6 36.8



#45
 2-Fluorobiphenyl
 Concen: 42.035 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. -0.017 min
 Lab File: BF142514.D
 Acq: 22 May 2025 17:03

Tgt Ion: 172 Resp: 615030
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 42.8
 170 23.1 18.9 28.3

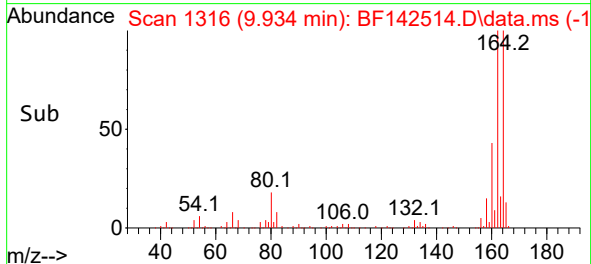
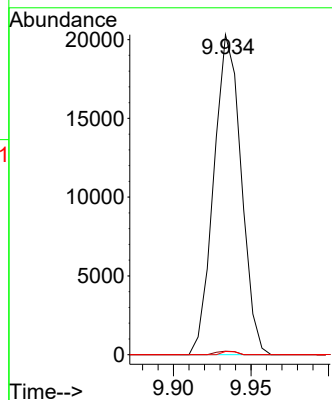
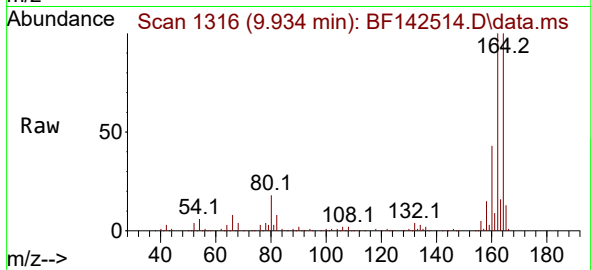




#51
2,6-Dinitrotoluene
Concen: 8.929 ng
RT: 9.934 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

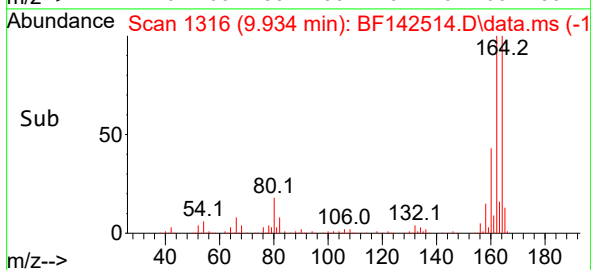
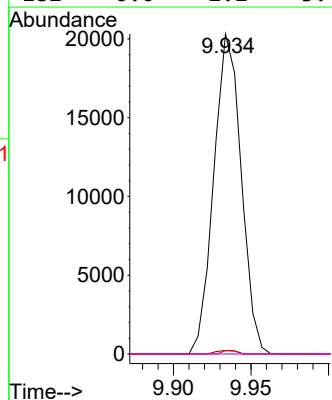
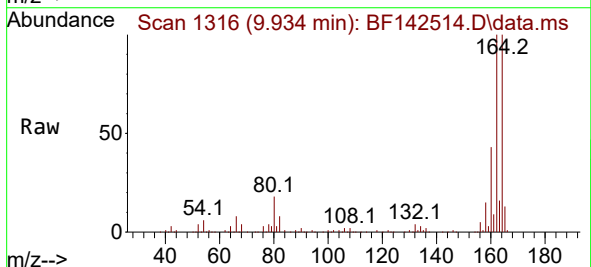
Instrument :
BNA_F
ClientSampleId :
TP-15

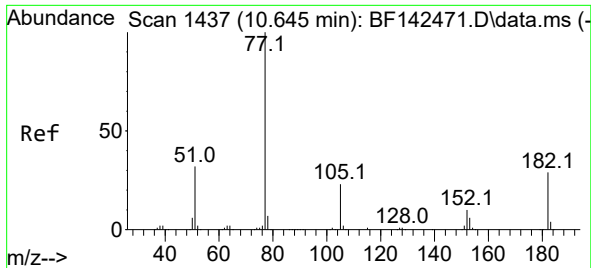
Tgt Ion:165 Resp: 24967
Ion Ratio Lower Upper
165 100
63 1.1 42.9 64.3#
89 1.0 40.2 60.4#



#57
2,4-Dinitrotoluene
Concen: 6.837 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

Tgt Ion:165 Resp: 24967
Ion Ratio Lower Upper
165 100
63 1.1 33.6 50.4#
89 1.0 50.2 75.4#
182 0.0 2.2 3.4#

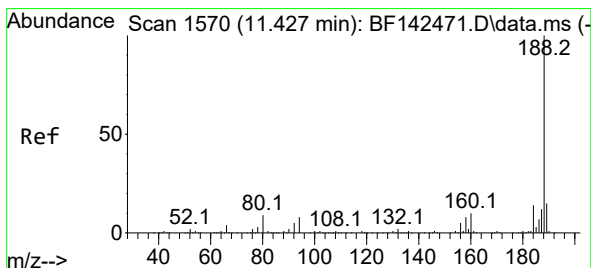
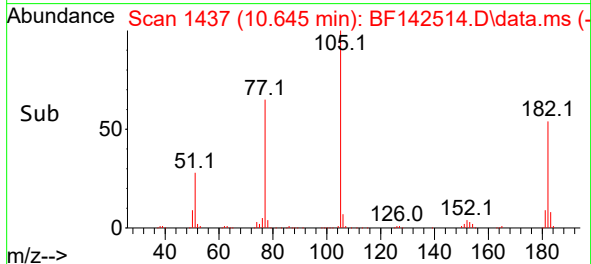
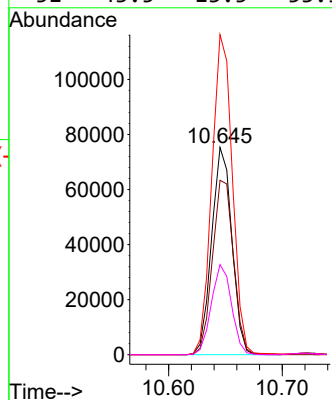
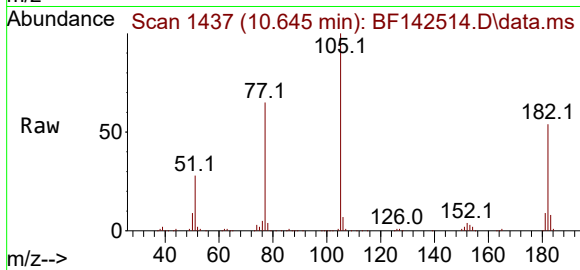




#63
 Azobenzene
 Concen: 8.204 ng
 RT: 10.645 min Scan# 1437
 Delta R.T. 0.000 min
 Lab File: BF142514.D
 Acq: 22 May 2025 17:03

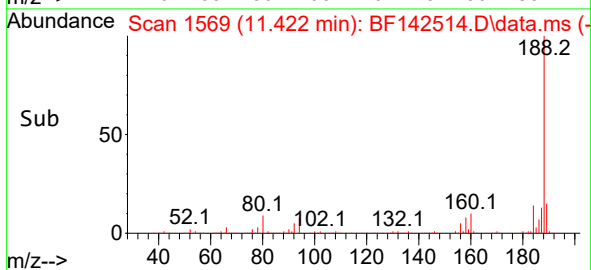
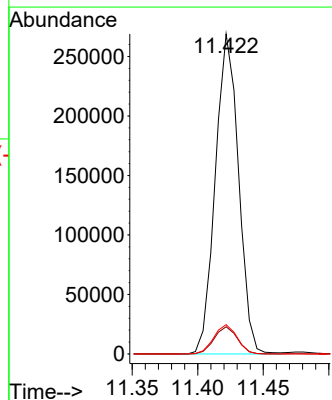
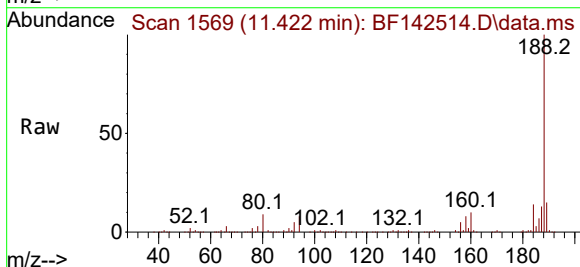
Instrument :
 BNA_F
 ClientSampleId :
 TP-15

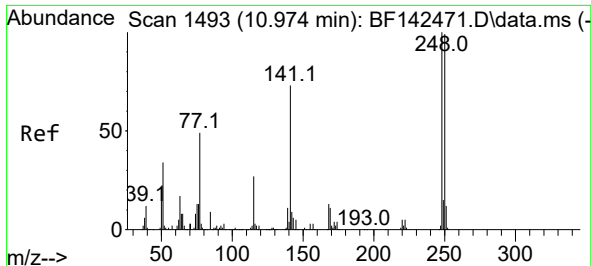
Tgt Ion: 77	Resp: 93229
Ion Ratio	Lower Upper
77	100
182	84.2 9.0 49.0#
105	154.5 2.4 42.4#
51	43.5 13.5 53.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.422 min Scan# 1569
 Delta R.T. -0.012 min
 Lab File: BF142514.D
 Acq: 22 May 2025 17:03

Tgt Ion: 188	Resp: 331001
Ion Ratio	Lower Upper
188	100
94	8.5 6.6 10.0
80	9.2 7.4 11.0

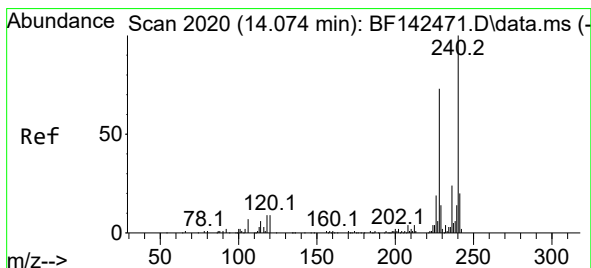
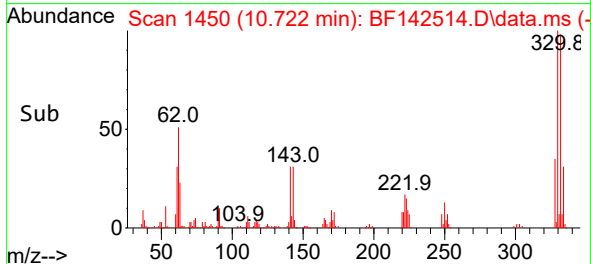
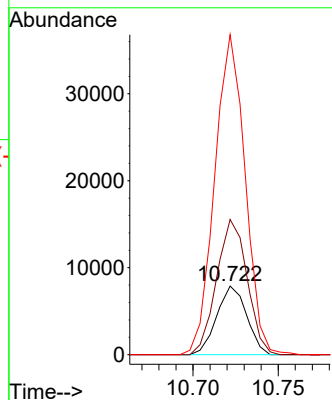
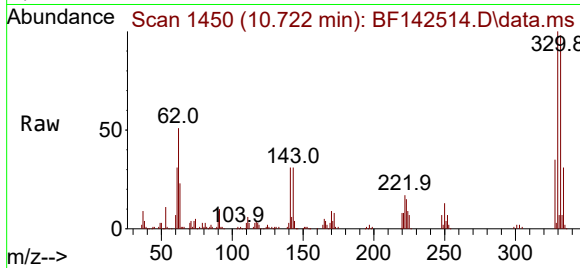




#67
4-Bromophenyl-phenylether
Concen: 2.458 ng
RT: 10.722 min Scan# 141
Delta R.T. -0.253 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

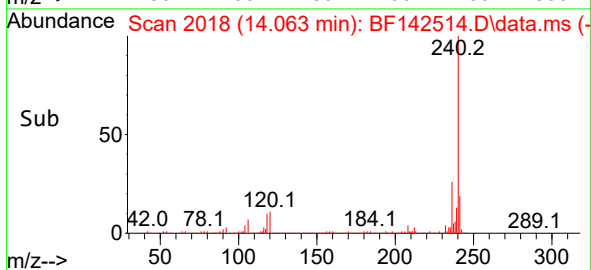
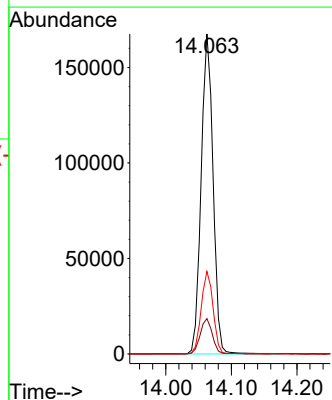
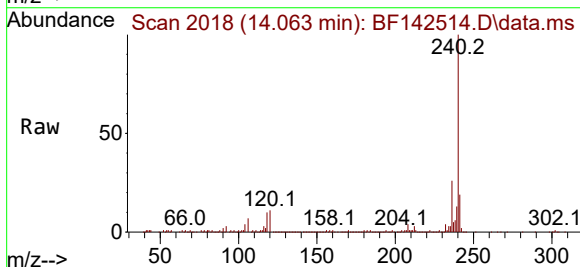
Instrument :
BNA_F
ClientSampleId :
TP-15

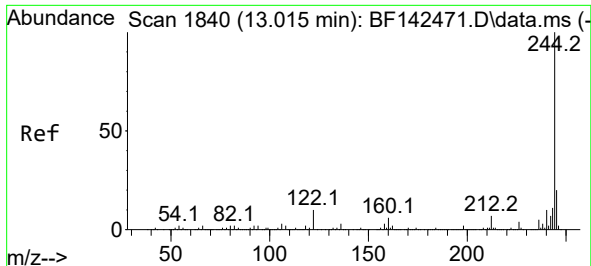
Tgt Ion:248 Resp: 9621
Ion Ratio Lower Upper
248 100
250 197.1 79.0 118.4#
141 466.7 58.4 87.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

Tgt Ion:240 Resp: 212263
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 25.8 19.6 29.4

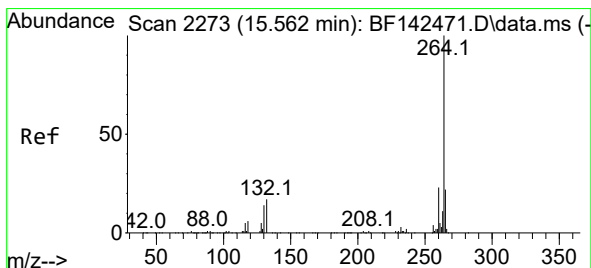
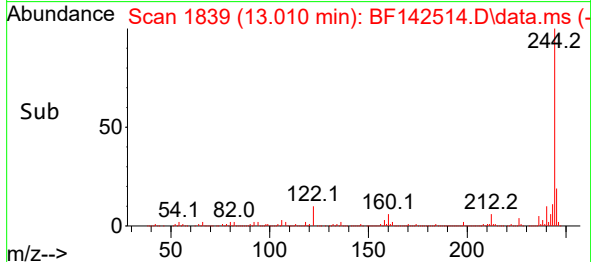
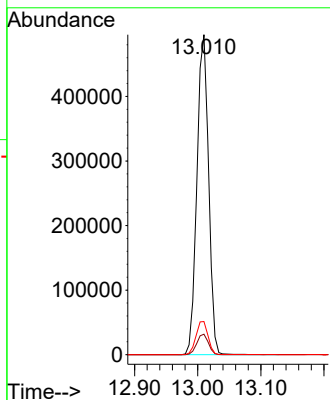
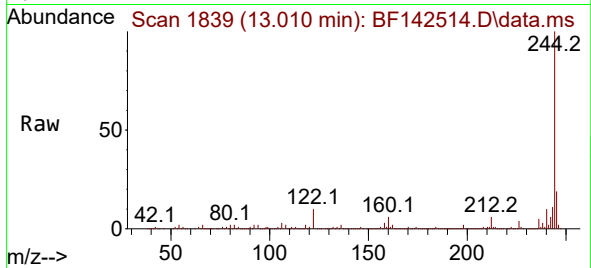




#79
 Terphenyl-d14
 Concen: 40.841 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142514.D
 Acq: 22 May 2025 17:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Tgt Ion:244 Resp: 634371
 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: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142514.D
 Acq: 22 May 2025 17:03

Tgt Ion:264 Resp: 172640
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.4 17.7 26.5

