

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
 Data File : BF142503.D
 Acq On : 22 May 2025 11:41
 Operator : RC/JU
 Sample : PB168104BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168104BL

Quant Time: May 22 12:15:24 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)

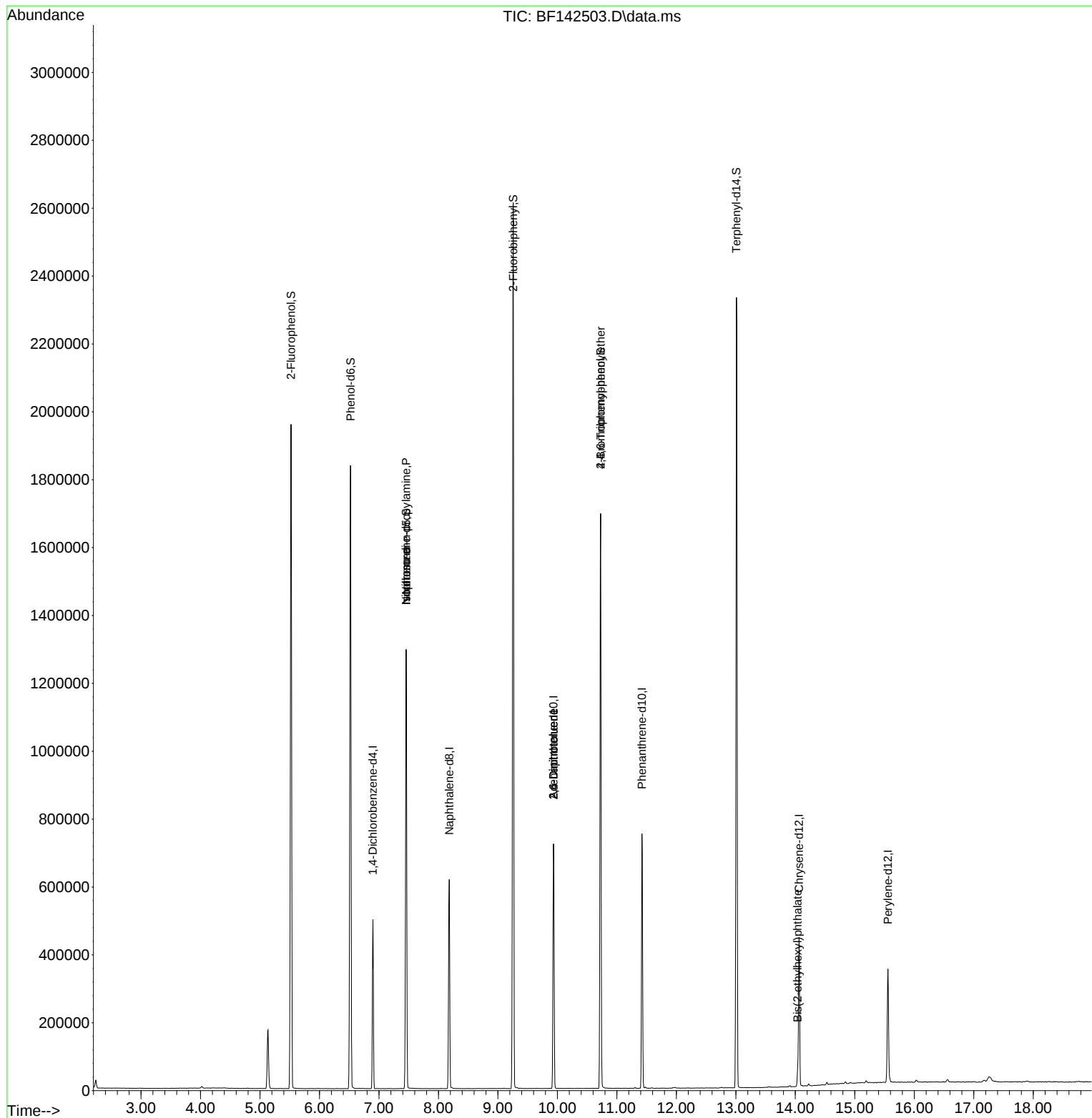
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	106342	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	405765	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	222587	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	396430	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	212275	20.000	ng	-0.01
86) Perylene-d12	15.557	264	198128	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	771318	122.198	ng	0.00
7) Phenol-d6	6.522	99	922054	121.352	ng	-0.01
23) Nitrobenzene-d5	7.457	82	572189	76.894	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	314073	127.133	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1227868	74.022	ng	-0.01
79) Terphenyl-d14	13.010	244	1183197	76.170	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	78119	16.589	ng	# 76
25) Isophorone	7.457	82	538751	43.303	ng	# 63
51) 2,6-Dinitrotoluene	9.933	165	28708	9.056	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	28708	6.935	ng	# 28
67) 4-Bromophenyl-phenylether	10.728	248	19257	4.108	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.039	149	25954	3.705	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142503.D
Acq On : 22 May 2025 11:41
Operator : RC/JU
Sample : PB168104BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168104BL

Quant Time: May 22 12:15:24 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

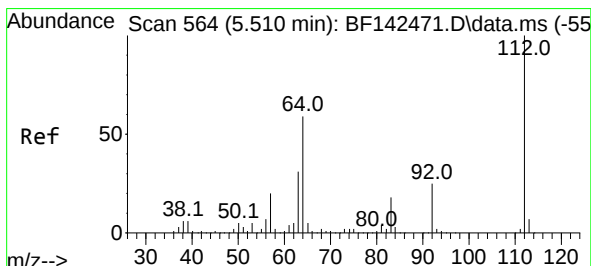
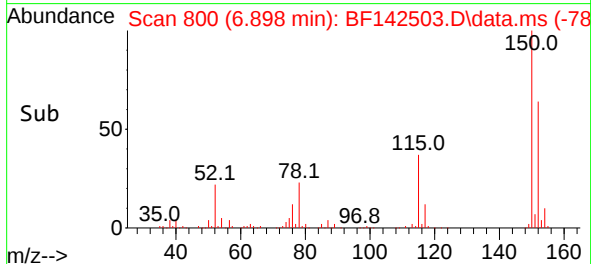
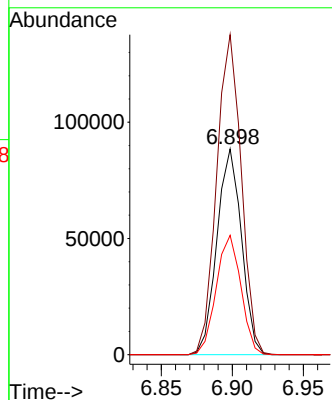
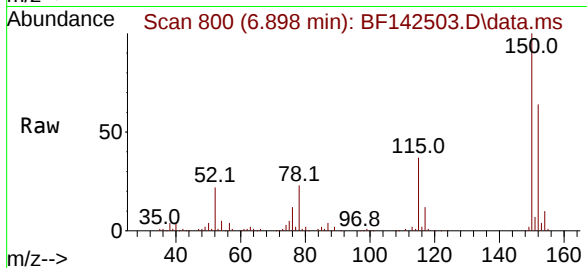




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

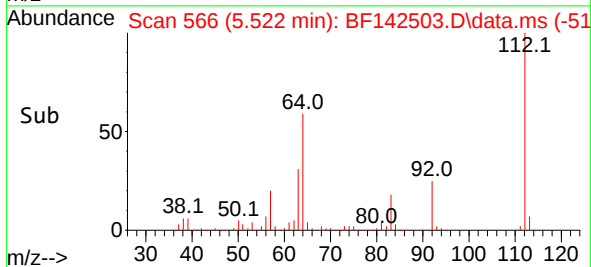
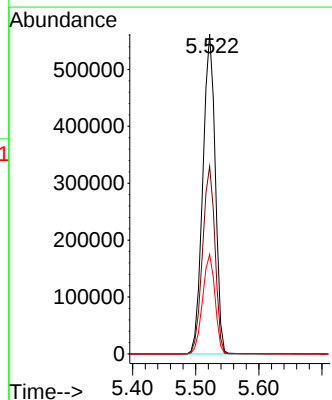
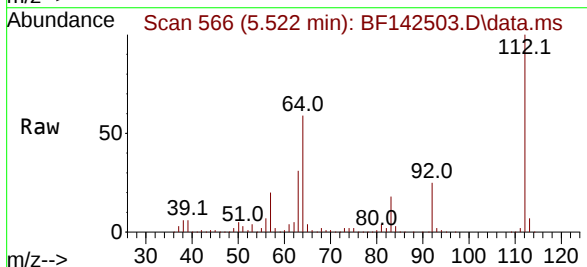
Instrument :
BNA_F
ClientSampleId :
PB168104BL

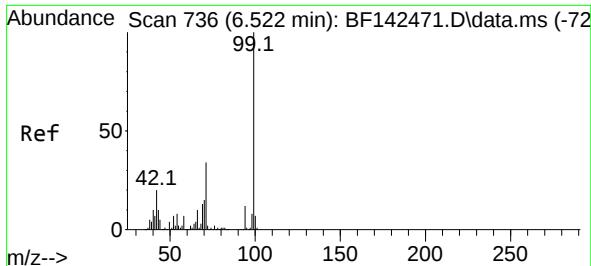
Tgt Ion:152 Resp: 106342
Ion Ratio Lower Upper
152 100
150 155.5 128.2 192.4
115 58.0 48.3 72.5



#5
2-Fluorophenol
Concen: 122.198 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

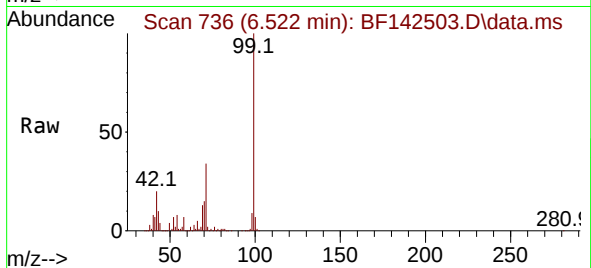
Tgt Ion:112 Resp: 771318
Ion Ratio Lower Upper
112 100
64 58.7 47.5 71.3
63 31.1 24.9 37.3



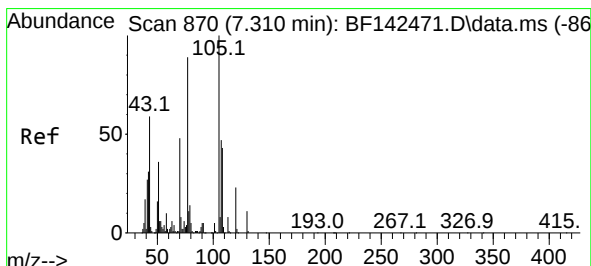
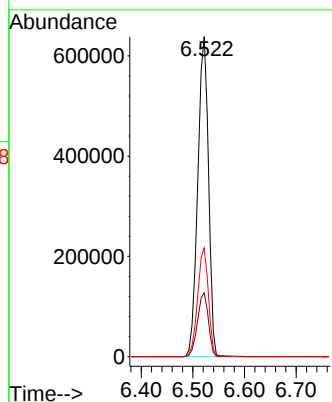
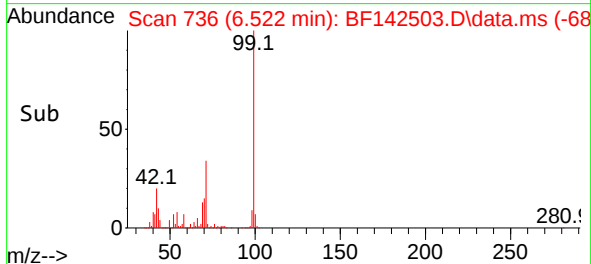


#7
Phenol-d6
Concen: 121.352 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

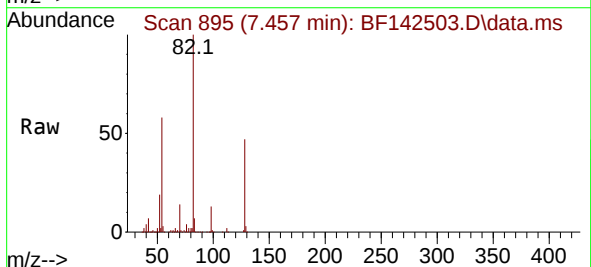
Instrument :
BNA_F
ClientSampleId :
PB168104BL



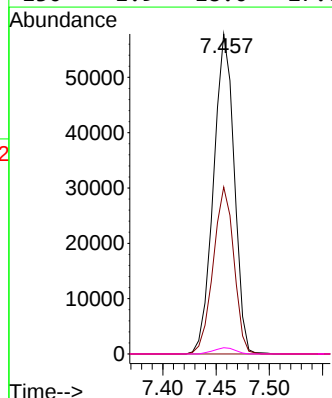
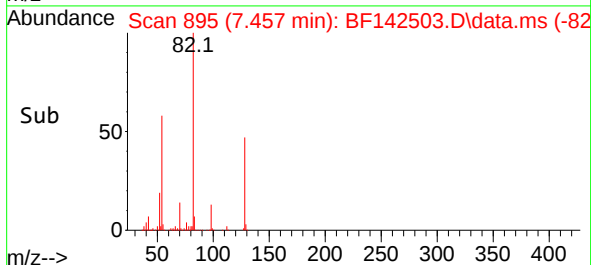
Tgt Ion: 99 Resp: 922054
Ion Ratio Lower Upper
99 100
42 19.9 16.2 24.2
71 34.0 27.3 40.9

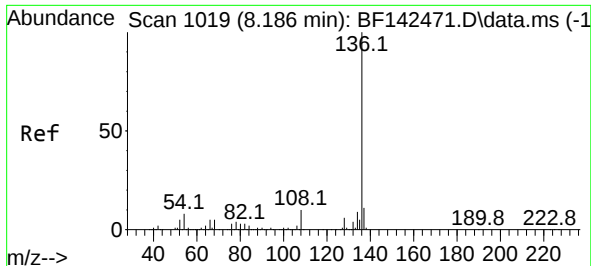


#19
n-Nitroso-di-n-propylamine
Concen: 16.589 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41



Tgt Ion: 70 Resp: 78119
Ion Ratio Lower Upper
70 100
42 52.1 52.4 78.6#
101 0.0 7.8 11.8#
130 1.9 18.0 27.0#

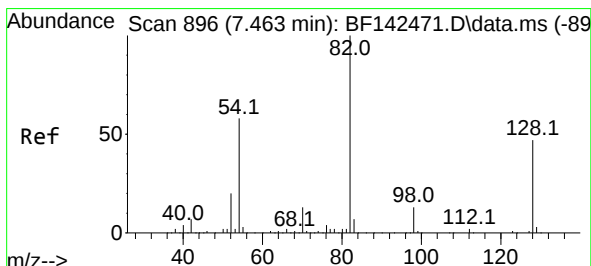
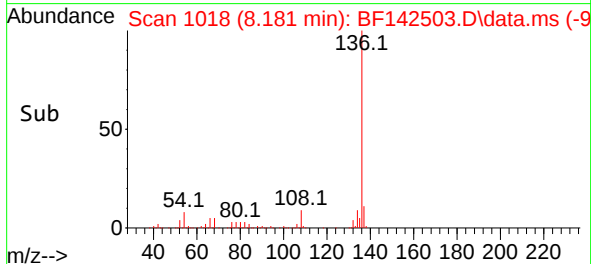
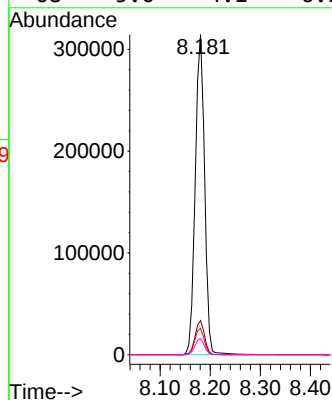
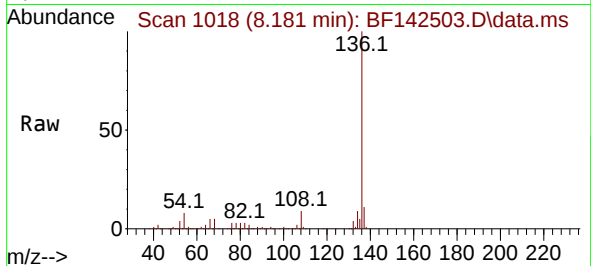




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

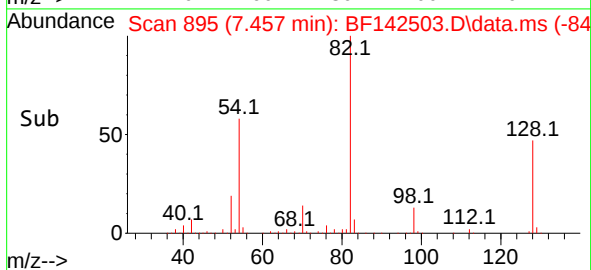
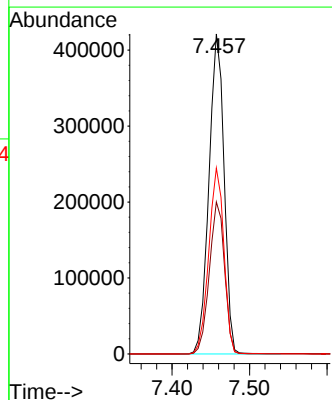
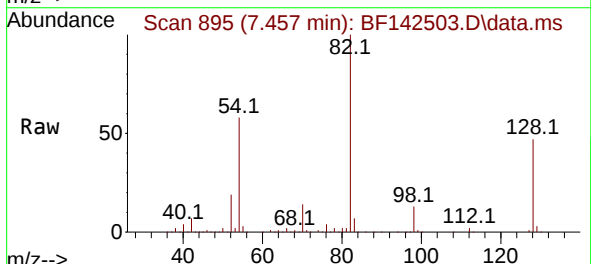
Instrument :
BNA_F
ClientSampleId :
PB168104BL

Tgt Ion:136 Resp: 405765
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 6.6 10.0
68 5.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 76.894 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

Tgt Ion: 82 Resp: 572189
Ion Ratio Lower Upper
82 100
128 47.5 37.4 56.2
54 58.1 46.6 70.0

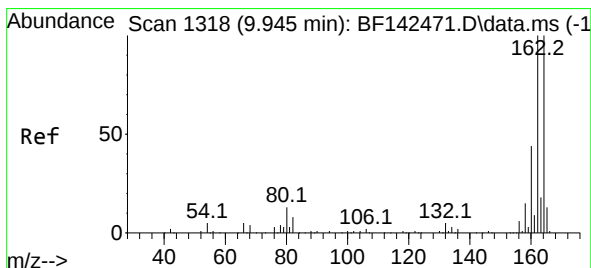
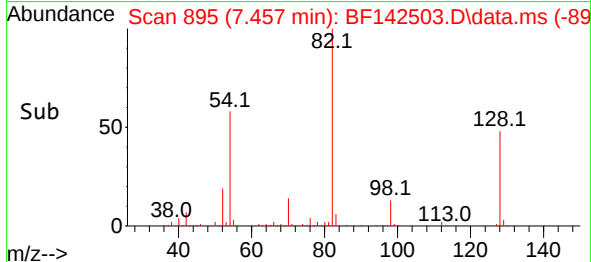
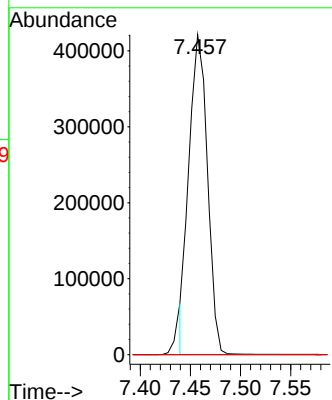
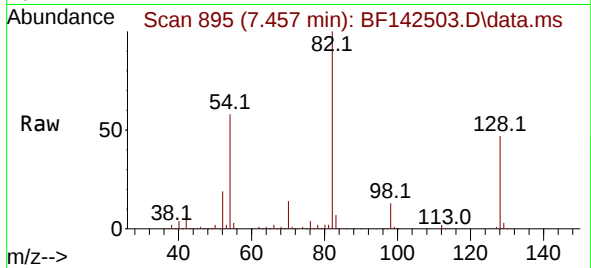




#25
Isophorone
Concen: 43.303 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

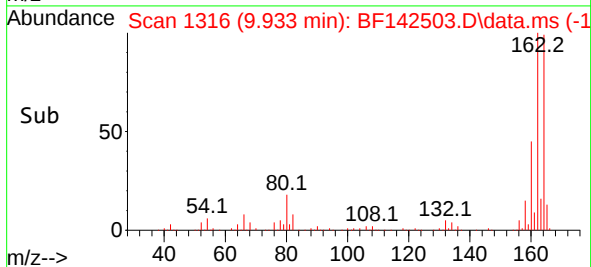
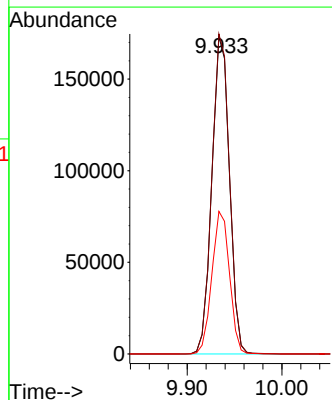
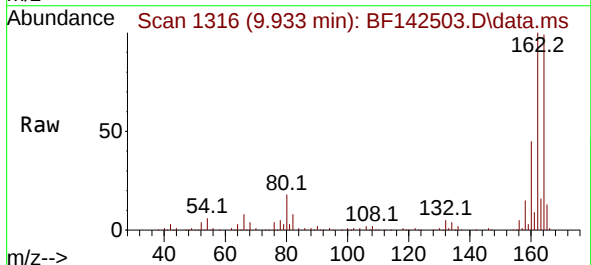
Instrument :
BNA_F
ClientSampleId :
PB168104BL

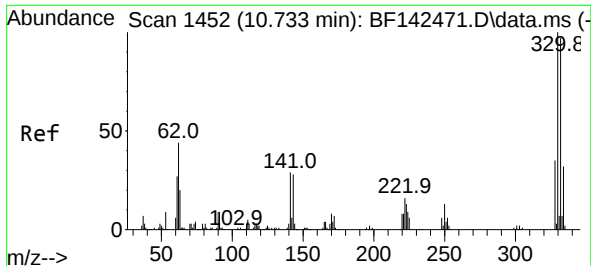
Tgt Ion: 82 Resp: 538751
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

Tgt Ion:164 Resp: 222587
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.4
160 44.9 35.6 53.4

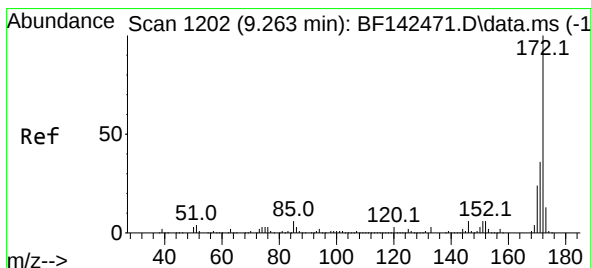
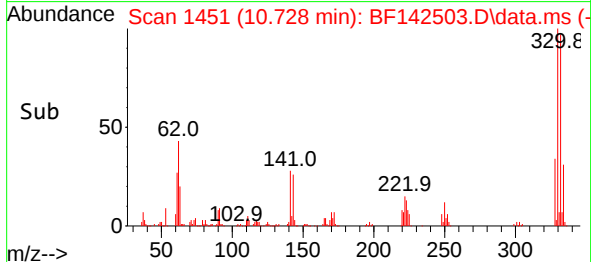
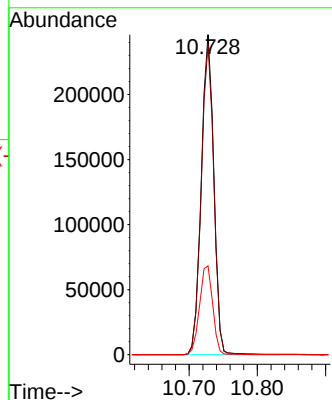
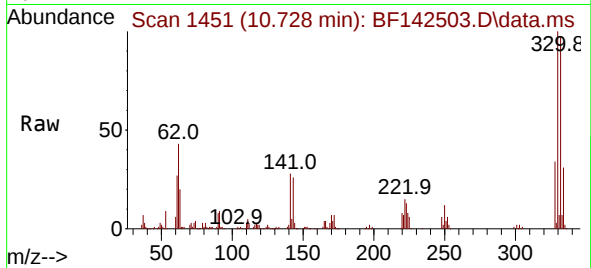




#42
2,4,6-Tribromophenol
Concen: 127.133 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

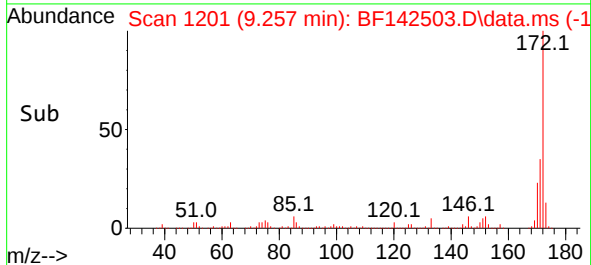
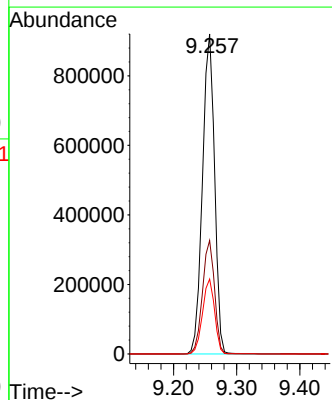
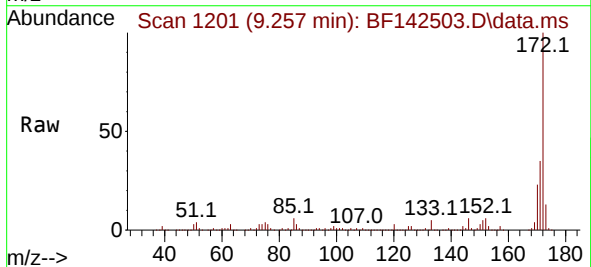
Instrument :
BNA_F
ClientSampleId :
PB168104BL

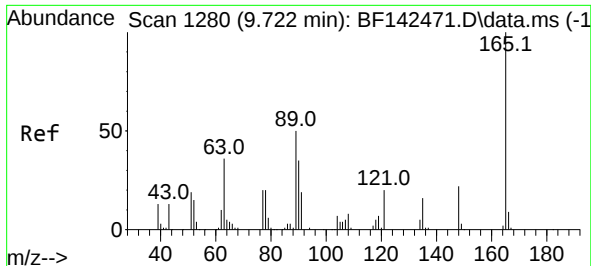
Tgt Ion: 330 Resp: 314073
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 29.2 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 74.022 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

Tgt Ion: 172 Resp: 1227868
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.4 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 9.056 ng

RT: 9.933 min Scan# 1316

Delta R.T. 0.206 min

Lab File: BF142503.D

Acq: 22 May 2025 11:41

Instrument :

BNA_F

ClientSampleId :

PB168104BL

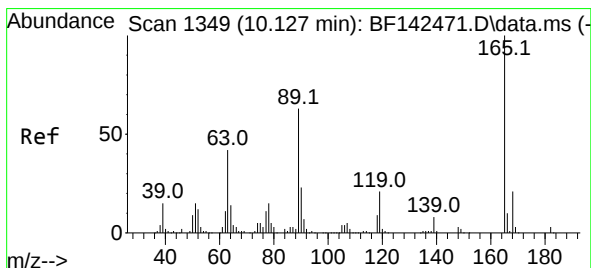
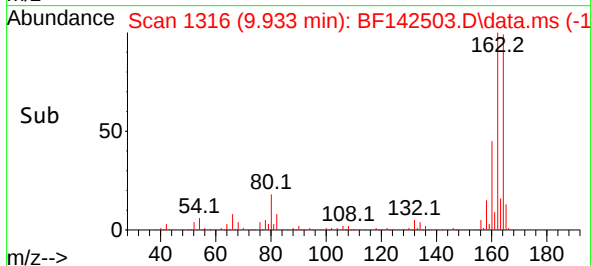
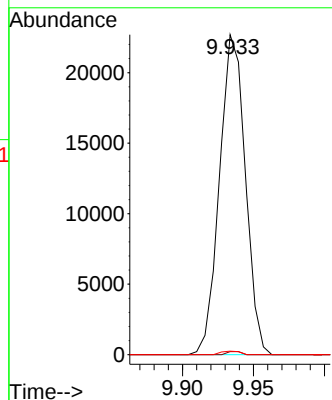
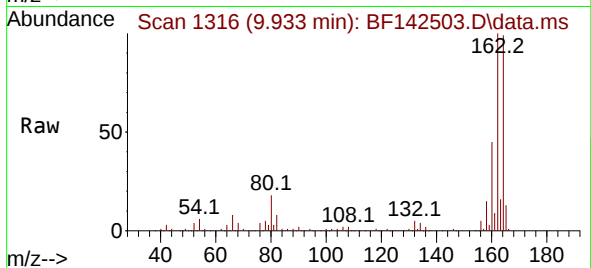
Tgt Ion:165 Resp: 28708

Ion Ratio Lower Upper

165 100

63 1.0 42.9 64.3#

89 1.1 40.2 60.4#



#57

2,4-Dinitrotoluene

Concen: 6.935 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.200 min

Lab File: BF142503.D

Acq: 22 May 2025 11:41

Tgt Ion:165 Resp: 28708

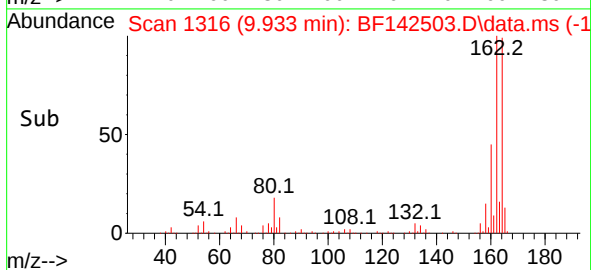
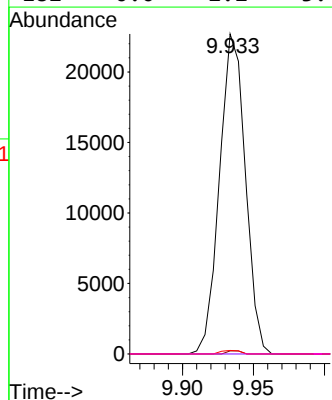
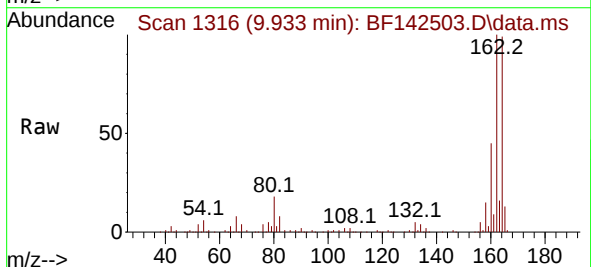
Ion Ratio Lower Upper

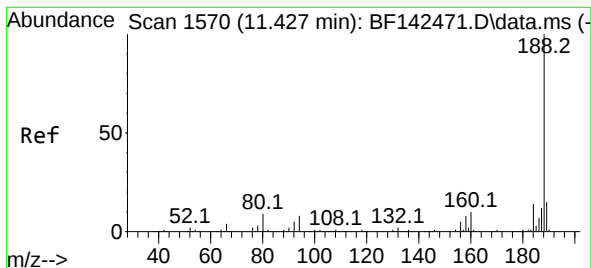
165 100

63 1.0 33.6 50.4#

89 1.1 50.2 75.4#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142503.D

Acq: 22 May 2025 11:41

Instrument :

BNA_F

ClientSampleId :

PB168104BL

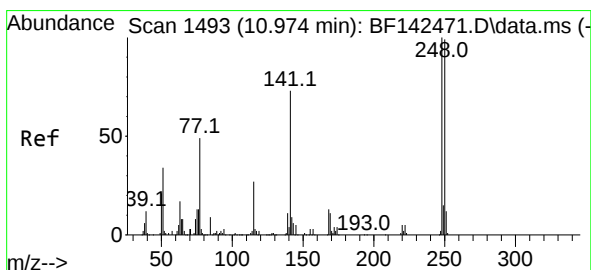
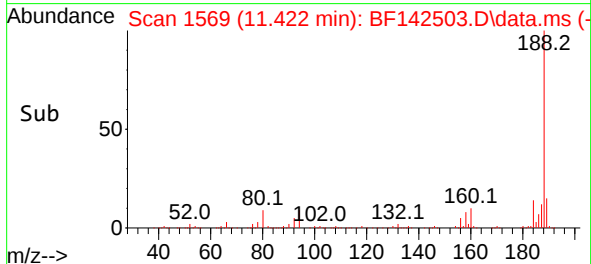
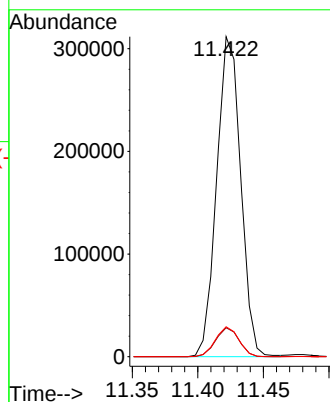
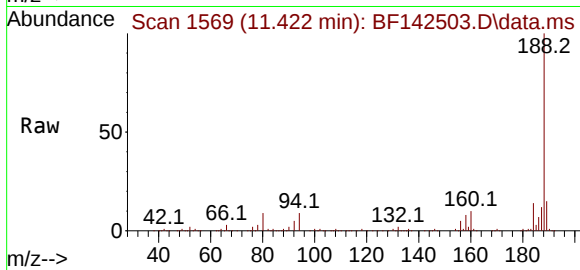
Tgt Ion:188 Resp: 396430

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

80 9.4 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.108 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF142503.D

Acq: 22 May 2025 11:41

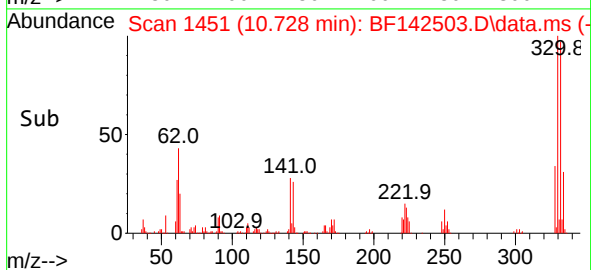
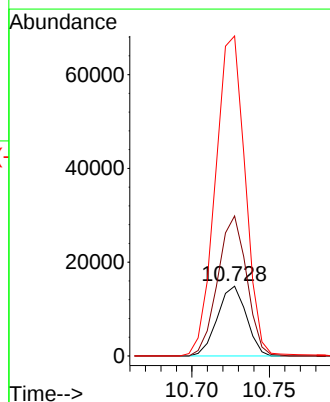
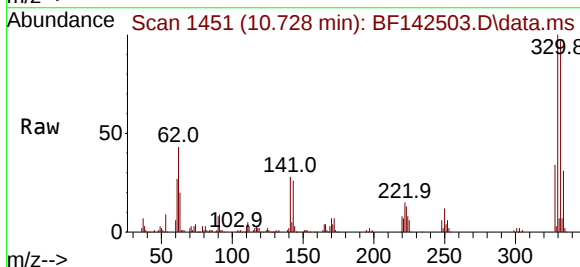
Tgt Ion:248 Resp: 19257

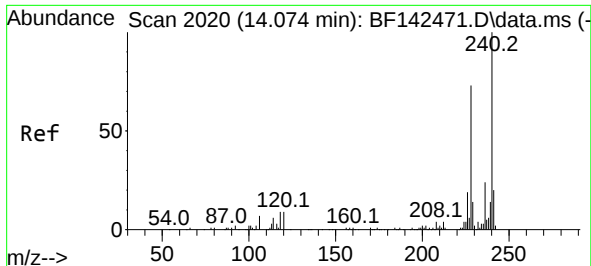
Ion Ratio Lower Upper

248 100

250 200.6 79.0 118.4#

141 458.7 58.4 87.6#

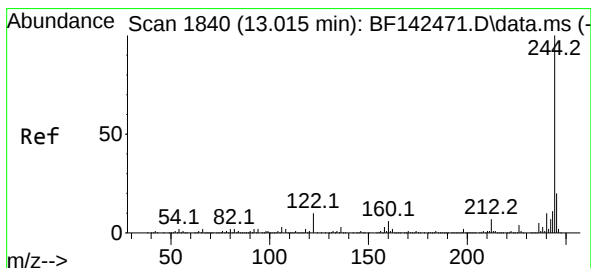
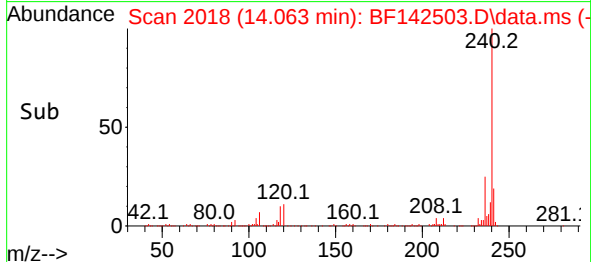
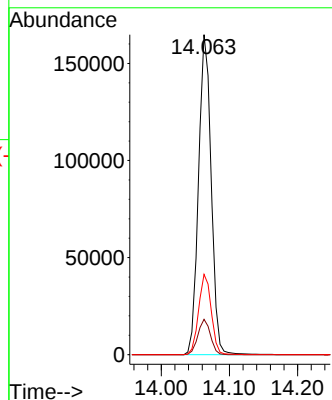
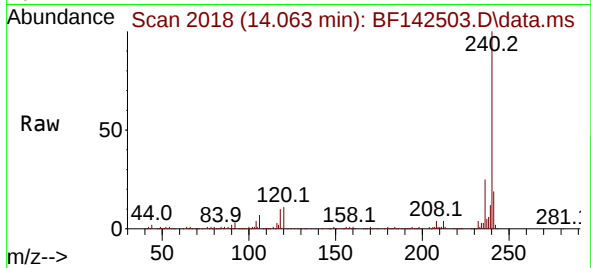




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

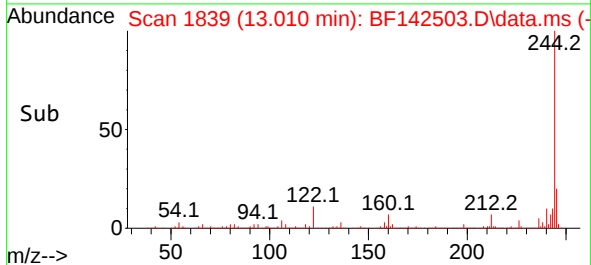
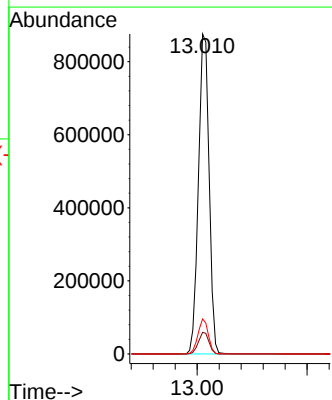
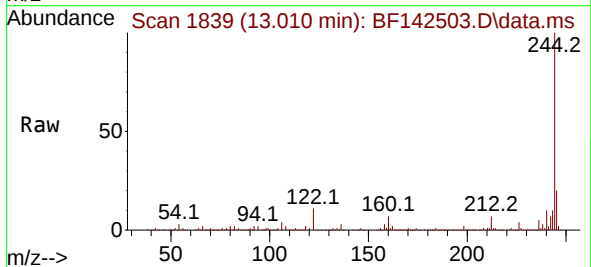
Instrument :
BNA_F
ClientSampleId :
PB168104BL

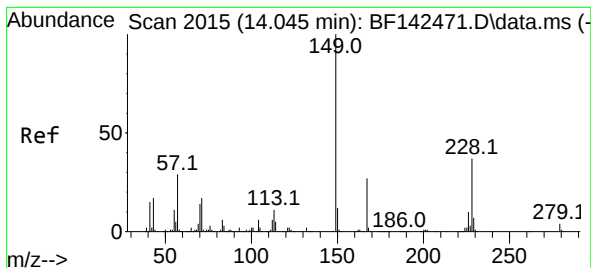
Tgt Ion:240 Resp: 212275
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 25.1 19.6 29.4



#79
Terphenyl-d14
Concen: 76.170 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142503.D
Acq: 22 May 2025 11:41

Tgt Ion:244 Resp: 1183197
Ion Ratio Lower Upper
244 100
212 6.8 5.3 7.9
122 11.0 8.2 12.2

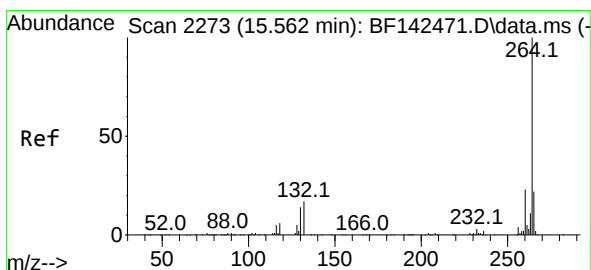
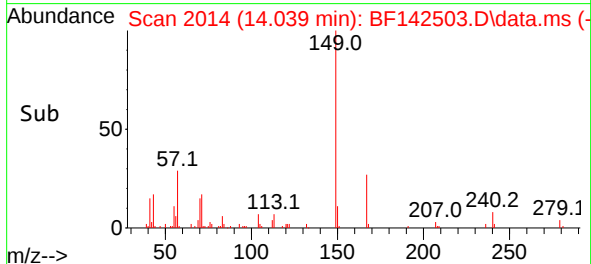
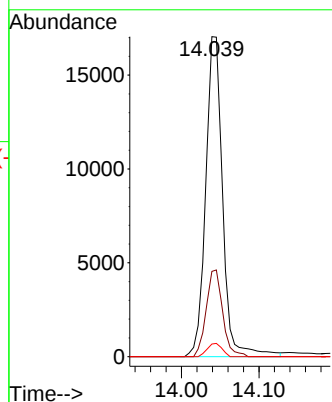
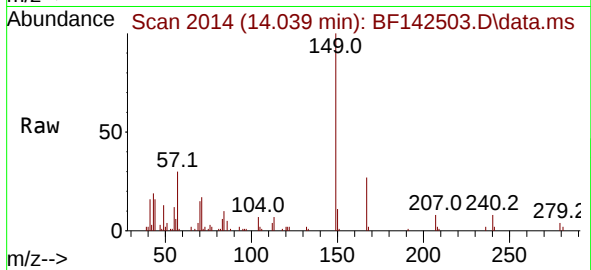




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.705 ng
 RT: 14.039 min Scan# 2014
 Delta R.T. -0.012 min
 Lab File: BF142503.D
 Acq: 22 May 2025 11:41

Instrument :
 BNA_F
 ClientSampleId :
 PB168104BL

Tgt Ion:149 Resp: 25954
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.5 32.3
 279 3.9 3.2 4.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142503.D
 Acq: 22 May 2025 11:41

Tgt Ion:264 Resp: 198128
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 20.9 17.7 26.5

