

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142751.D
 Acq On : 12 Jun 2025 11:54
 Operator : RC/JU
 Sample : PB168412BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168412BL

Quant Time: Jun 12 12:31:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

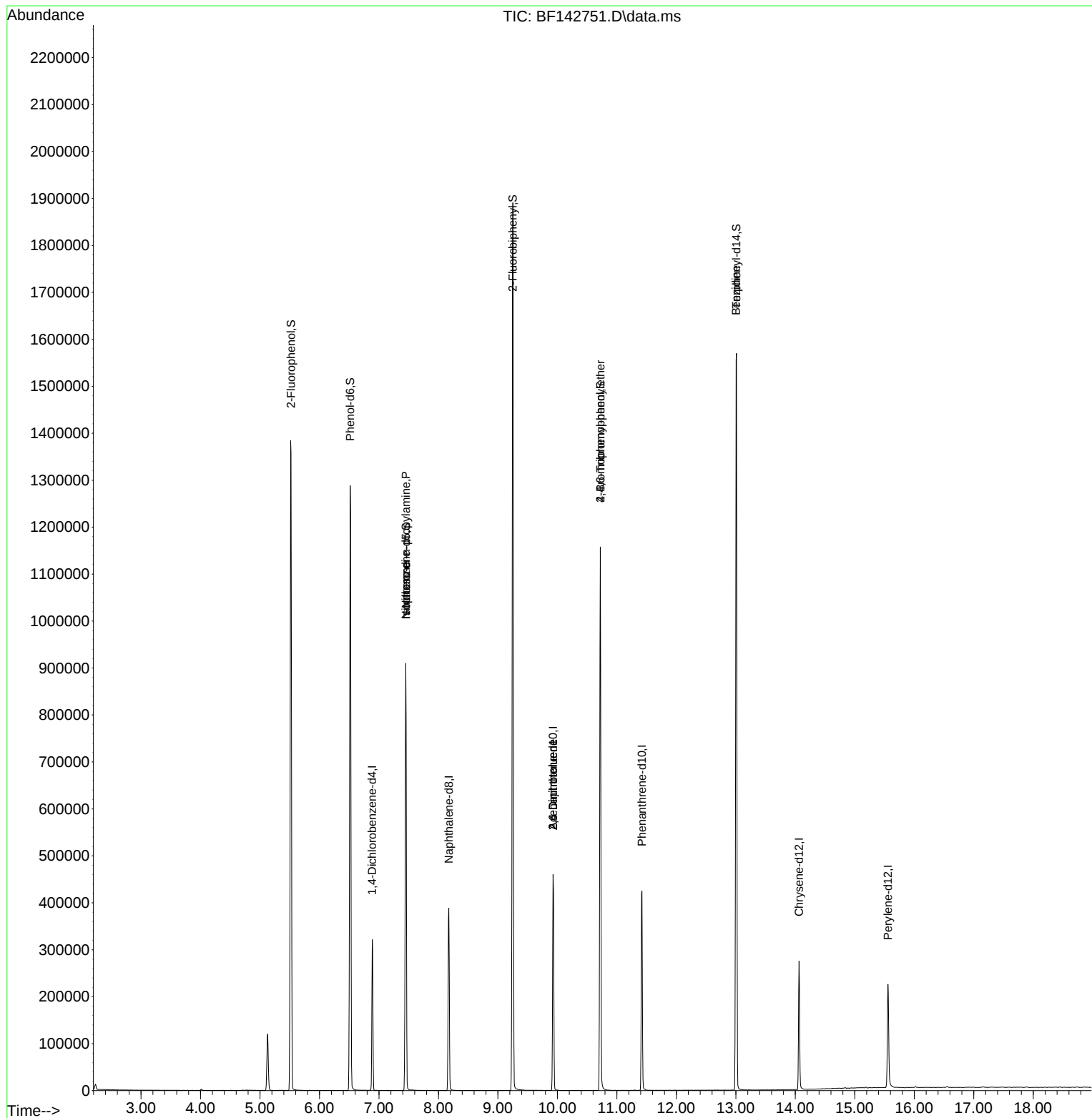
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	71416	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	271646	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	145261	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	243311	20.000	ng	0.00
76) Chrysene-d12	14.063	240	146036	20.000	ng	0.00
86) Perylene-d12	15.557	264	147888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	561213	133.839	ng	0.02
7) Phenol-d6	6.516	99	658682	133.478	ng	0.00
23) Nitrobenzene-d5	7.451	82	419942	84.604	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	209196	131.401	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	907505	83.000	ng	0.00
79) Terphenyl-d14	13.010	244	819333	77.057	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	56402	17.953	ng	# 75
25) Isophorone	7.451	82	415523	49.443	ng	# 63
51) 2,6-Dinitrotoluene	9.928	165	18580	8.862	ng	# 28
57) 2,4-Dinitrotoluene	9.928	165	18580	6.703	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	13271	4.621	ng	# 1
77) Benzidine	13.004	184	10410	2.002	ng	# 92

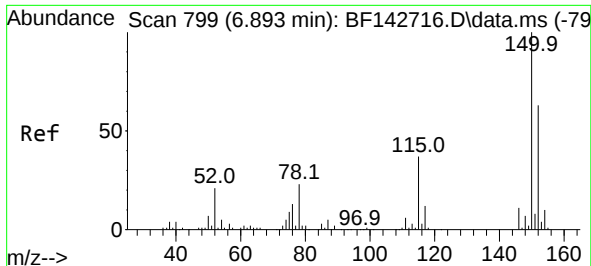
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142751.D
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ALS Vial : 5 Sample Multiplier: 1

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BNA_F
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PB168412BL

Quant Time: Jun 12 12:31:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

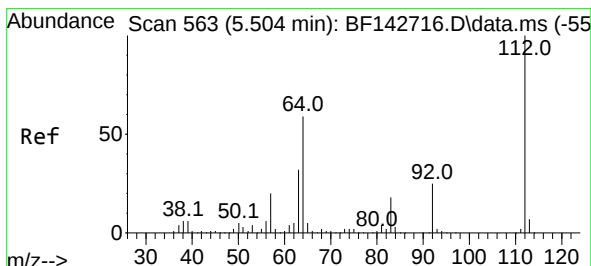
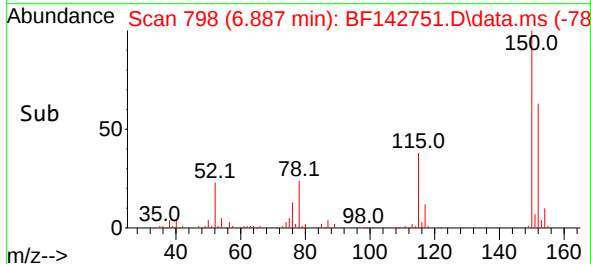
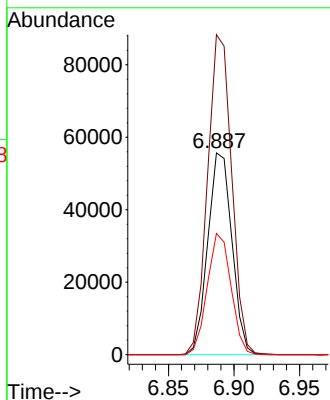
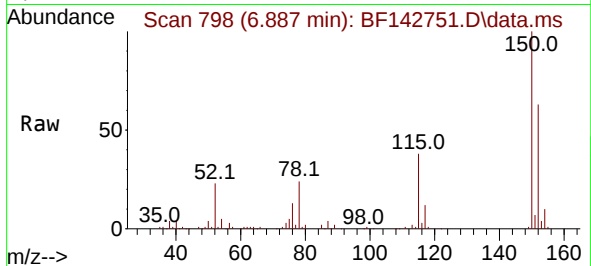




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF142751.D
 Acq: 12 Jun 2025 11:54

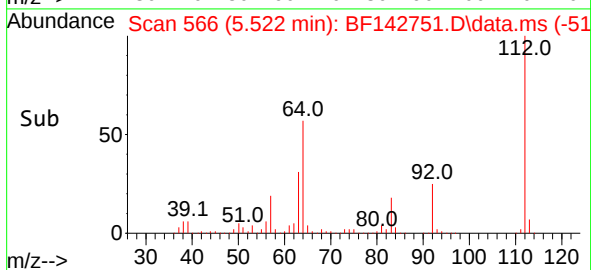
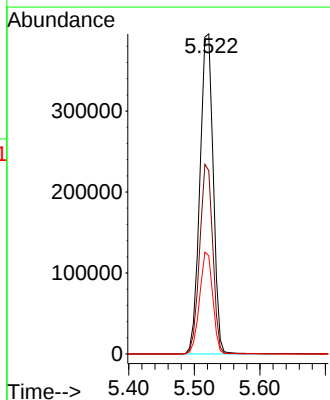
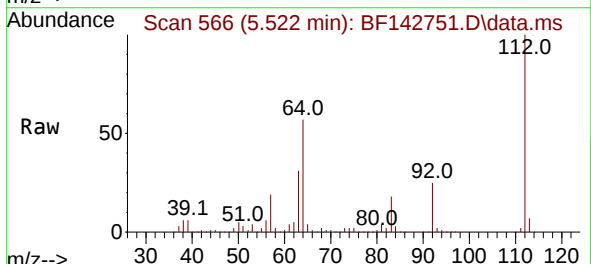
Instrument :
 BNA_F
 ClientSampleId :
 PB168412BL

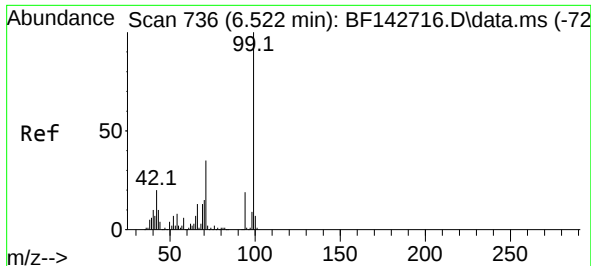
Tgt Ion:152 Resp: 71416
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.9 190.3
 115 60.1 47.0 70.6



#5
 2-Fluorophenol
 Concen: 133.839 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.018 min
 Lab File: BF142751.D
 Acq: 12 Jun 2025 11:54

Tgt Ion:112 Resp: 561213
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.4 71.2
 63 30.7 25.4 38.0

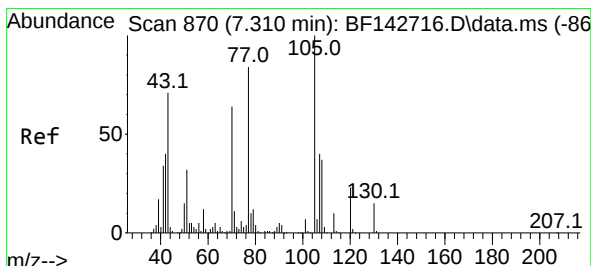
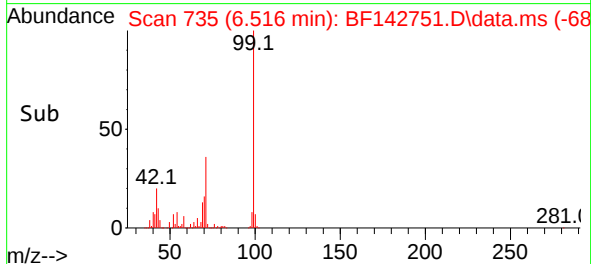
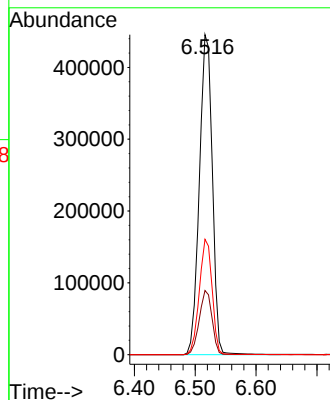
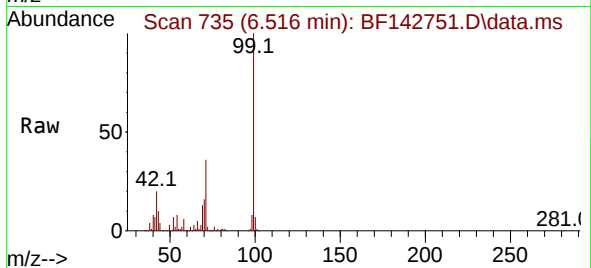




#7
Phenol-d6
Concen: 133.478 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142751.D
Acq: 12 Jun 2025 11:54

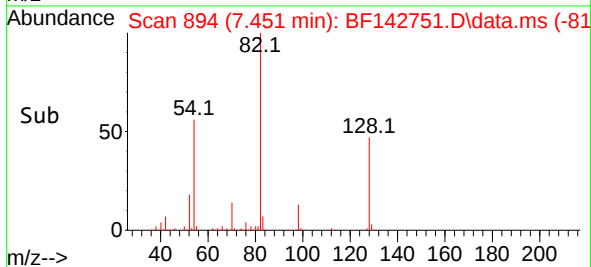
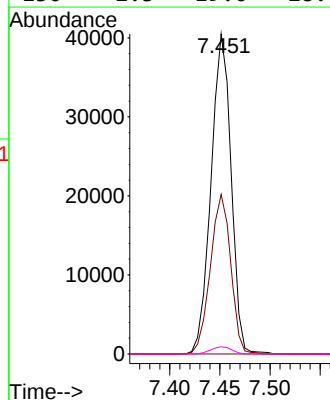
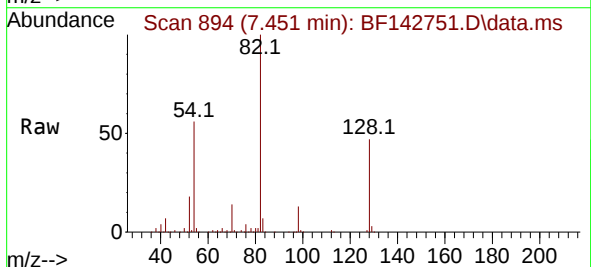
Instrument :
BNA_F
ClientSampleId :
PB168412BL

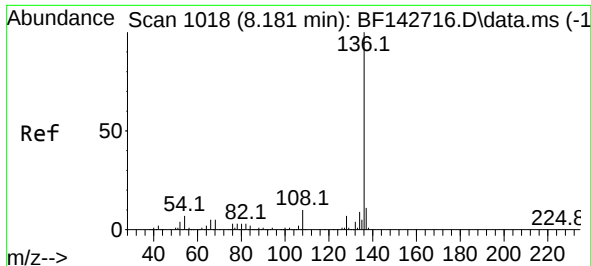
Tgt Ion: 99 Resp: 658682
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 36.1 28.0 42.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.953 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF142751.D
Acq: 12 Jun 2025 11:54

Tgt Ion: 70 Resp: 56402
Ion Ratio Lower Upper
70 100
42 49.9 50.2 75.4#
101 0.0 8.3 12.5#
130 2.3 19.0 28.6#

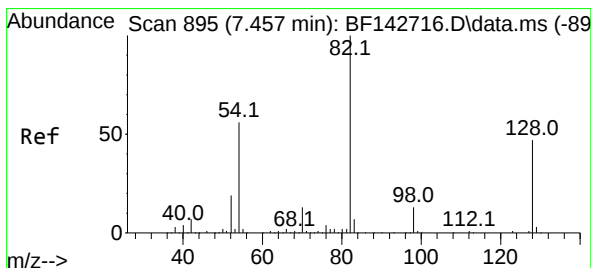
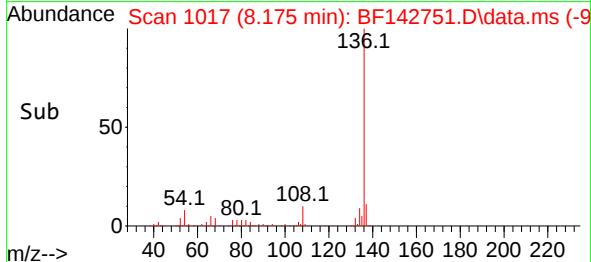
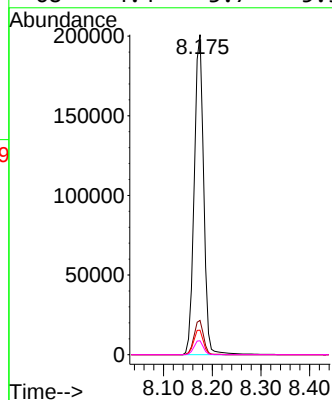
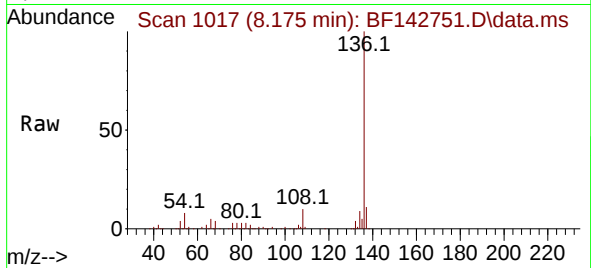




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142751.D
Acq: 12 Jun 2025 11:54

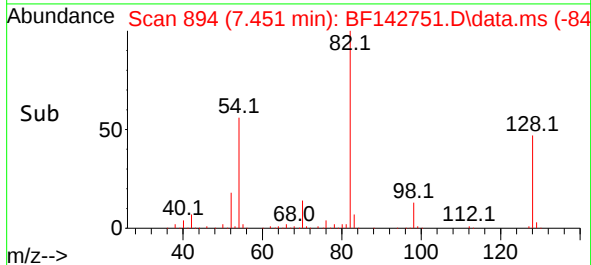
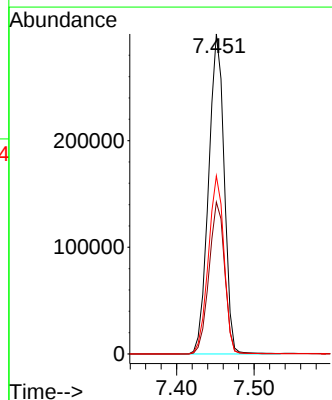
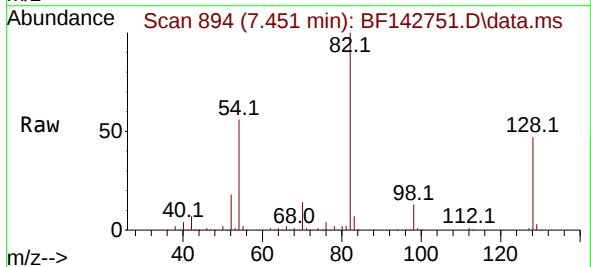
Instrument :
BNA_F
ClientSampleId :
PB168412BL

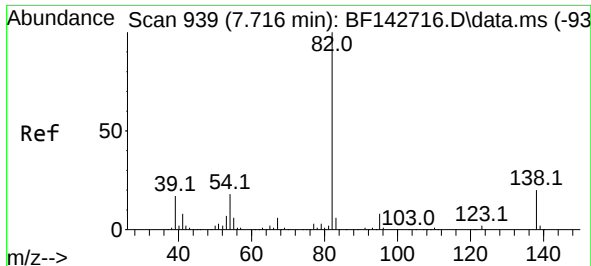
Tgt Ion:136 Resp: 271646
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.7 5.9 8.9
68 4.4 3.7 5.5



#23
Nitrobenzene-d5
Concen: 84.604 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF142751.D
Acq: 12 Jun 2025 11:54

Tgt Ion: 82 Resp: 419942
Ion Ratio Lower Upper
82 100
128 47.4 37.8 56.8
54 55.7 44.9 67.3

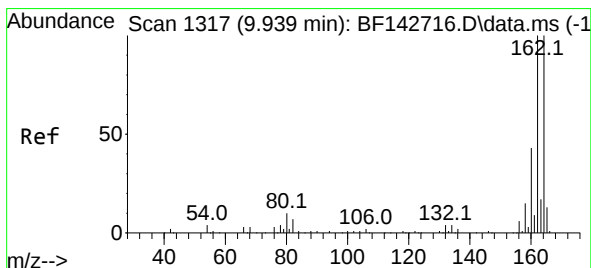
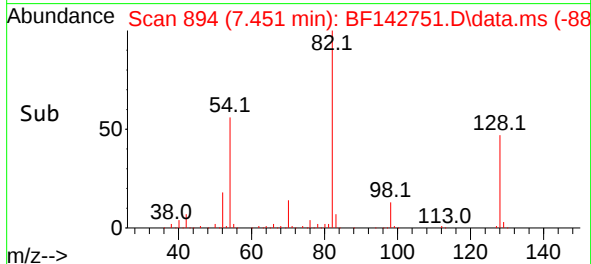
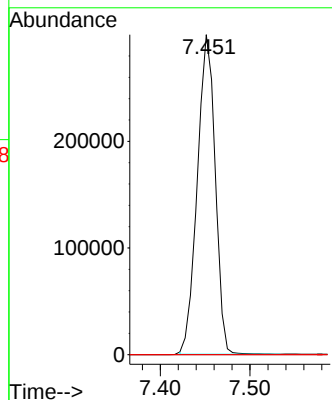
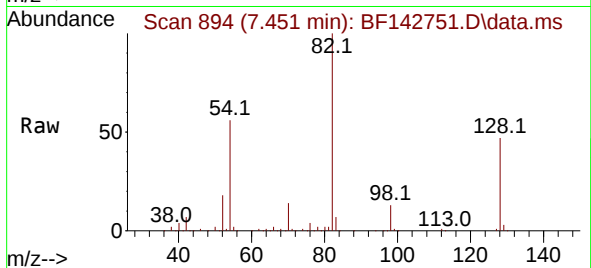




#25
Isophorone
Concen: 49.443 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF142751.D
Acq: 12 Jun 2025 11:54

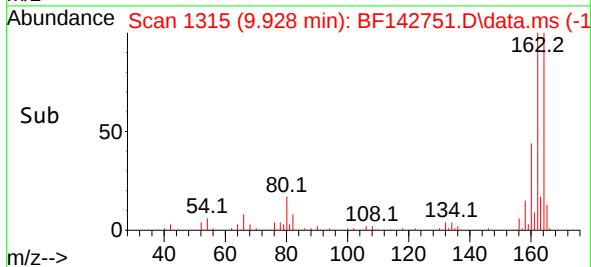
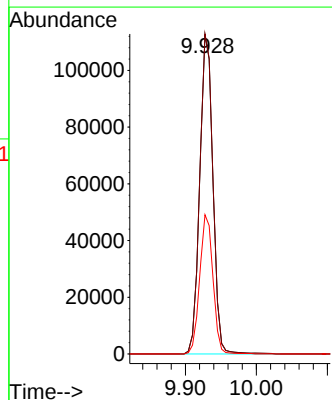
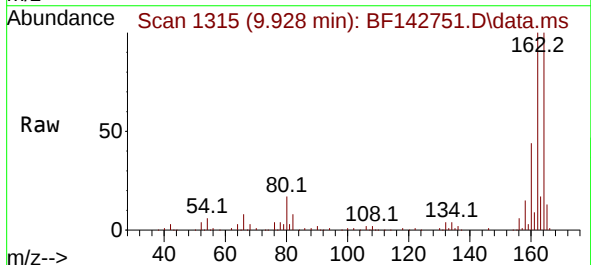
Instrument :
BNA_F
ClientSampleId :
PB168412BL

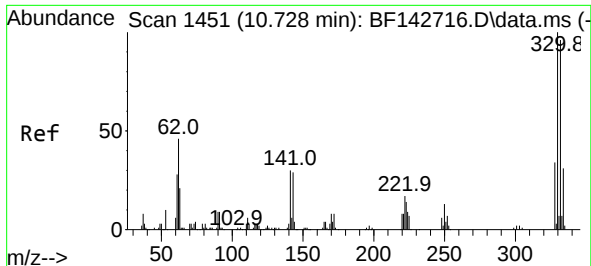
Tgt Ion: 82 Resp: 415523
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF142751.D
Acq: 12 Jun 2025 11:54

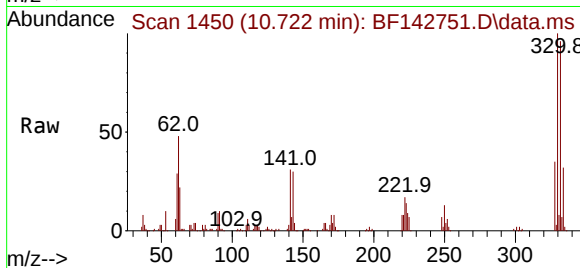
Tgt Ion:164 Resp: 145261
Ion Ratio Lower Upper
164 100
162 100.4 79.9 119.9
160 43.7 34.8 52.2



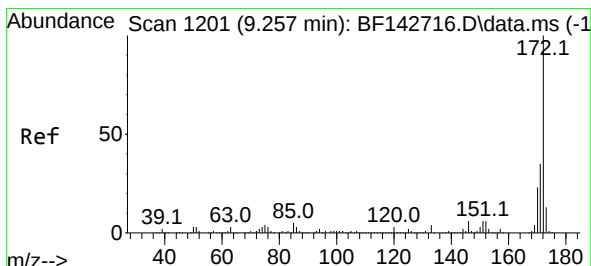
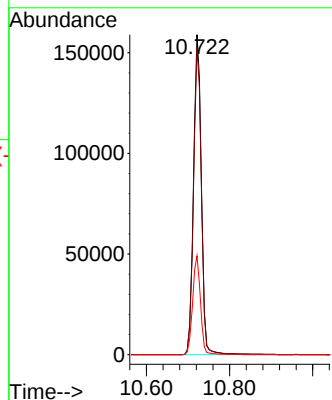
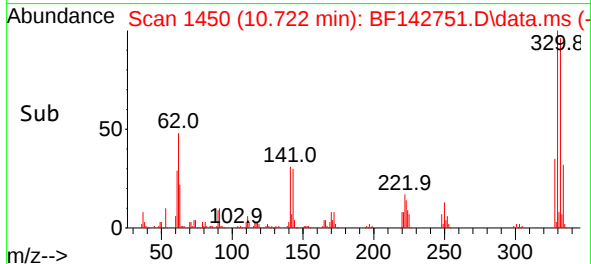


#42
 2,4,6-Tribromophenol
 Concen: 131.401 ng
 RT: 10.722 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF142751.D
 Acq: 12 Jun 2025 11:54

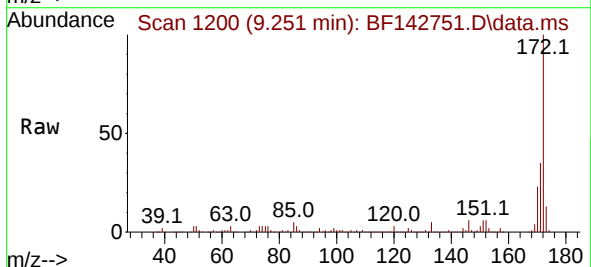
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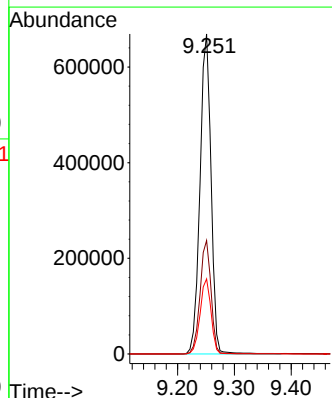
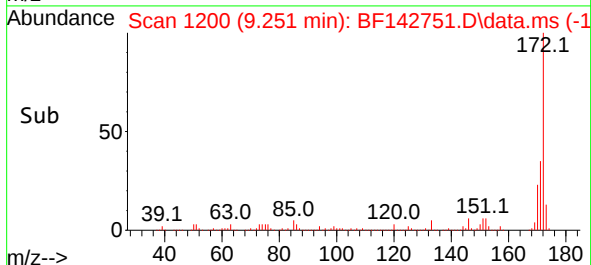
Tgt Ion:330 Resp: 209196
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 30.9 25.4 38.0

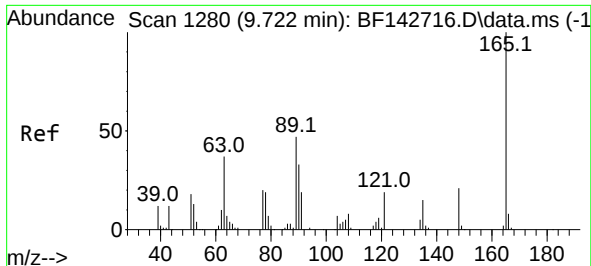


#45
 2-Fluorobiphenyl
 Concen: 83.000 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. -0.006 min
 Lab File: BF142751.D
 Acq: 12 Jun 2025 11:54



Tgt Ion:172 Resp: 907505
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.1 42.1
 170 23.4 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.862 ng

RT: 9.928 min Scan# 1315

Delta R.T. 0.206 min

Lab File: BF142751.D

Acq: 12 Jun 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168412BL

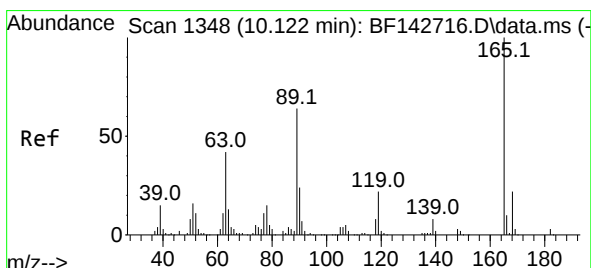
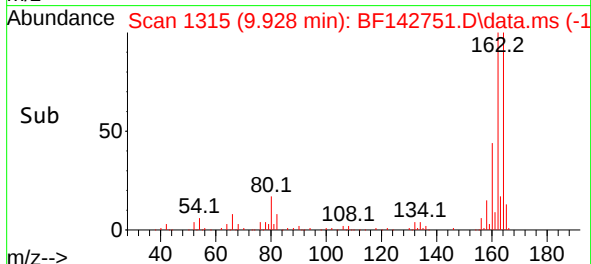
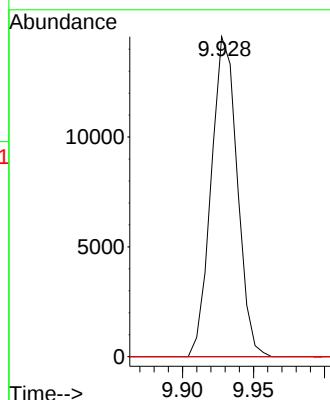
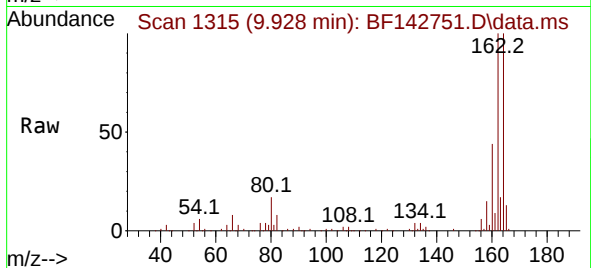
Tgt Ion:165 Resp: 18580

Ion Ratio Lower Upper

165 100

63 0.0 40.6 60.8#

89 0.0 37.6 56.4#



#57

2,4-Dinitrotoluene

Concen: 6.703 ng

RT: 9.928 min Scan# 1315

Delta R.T. -0.194 min

Lab File: BF142751.D

Acq: 12 Jun 2025 11:54

Tgt Ion:165 Resp: 18580

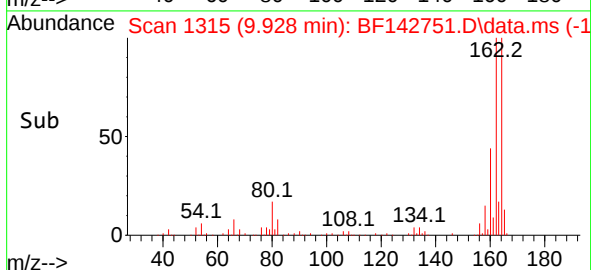
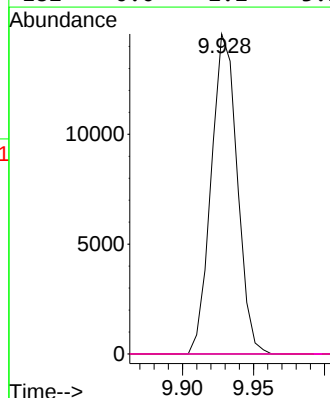
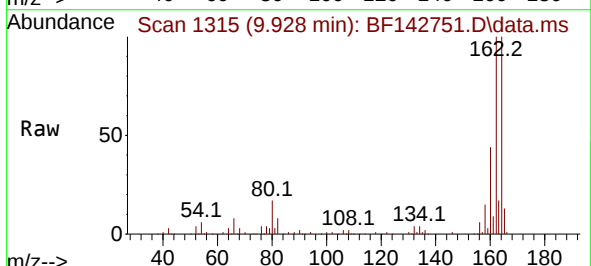
Ion Ratio Lower Upper

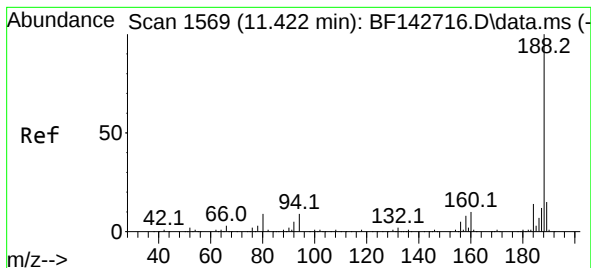
165 100

63 0.0 34.1 51.1#

89 0.0 50.8 76.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142751.D

Acq: 12 Jun 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168412BL

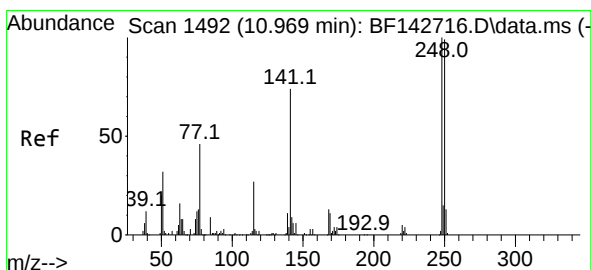
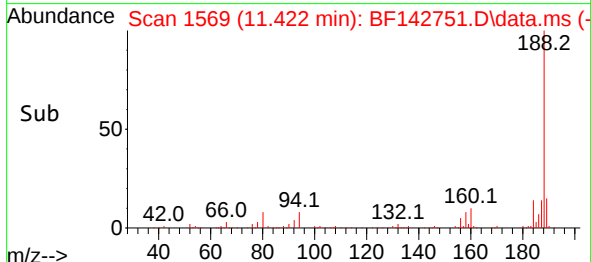
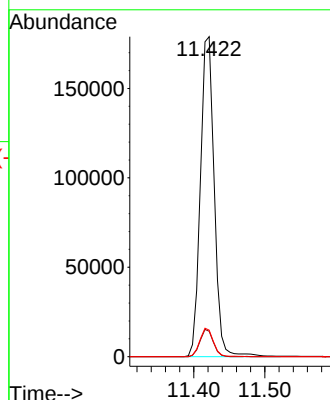
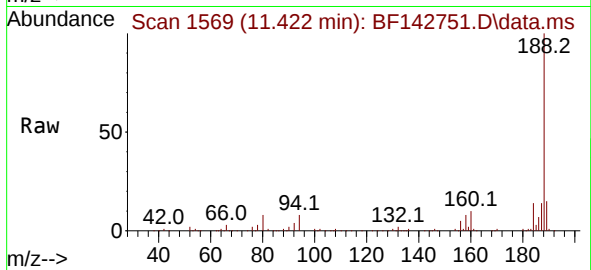
Tgt Ion:188 Resp: 243311

Ion Ratio Lower Upper

188 100

94 8.0 6.8 10.2

80 8.3 7.1 10.7



#67

4-Bromophenyl-phenylether

Concen: 4.621 ng

RT: 10.722 min Scan# 1450

Delta R.T. -0.247 min

Lab File: BF142751.D

Acq: 12 Jun 2025 11:54

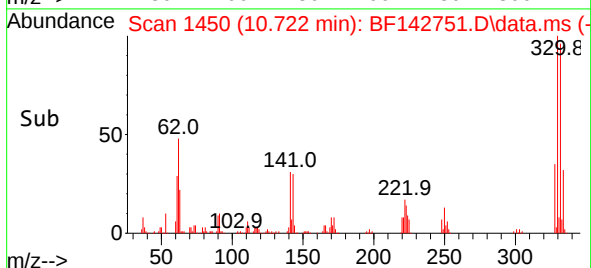
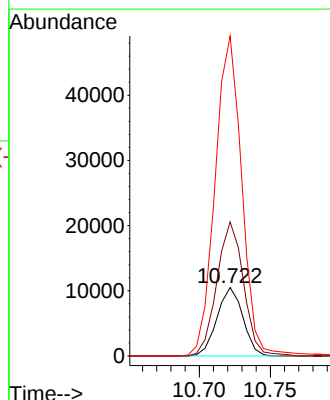
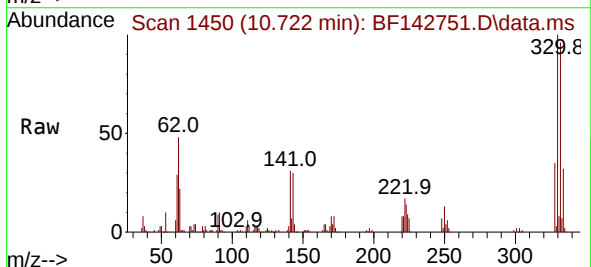
Tgt Ion:248 Resp: 13271

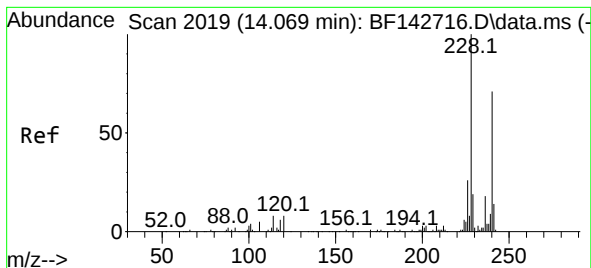
Ion Ratio Lower Upper

248 100

250 196.0 79.2 118.8#

141 467.8 59.3 88.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142751.D

Acq: 12 Jun 2025 11:54

Instrument :

BNA_F

ClientSampleId :

PB168412BL

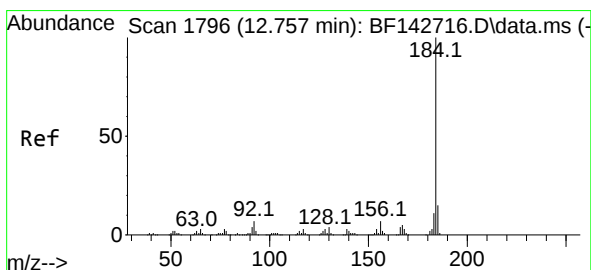
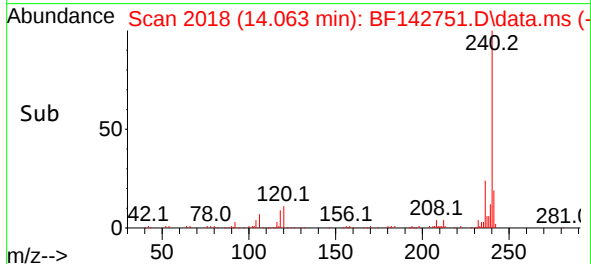
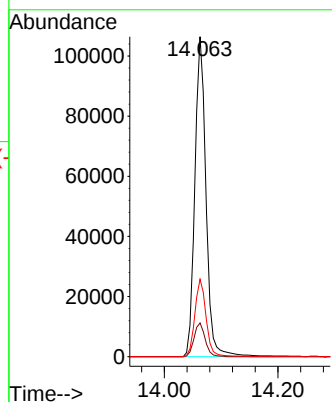
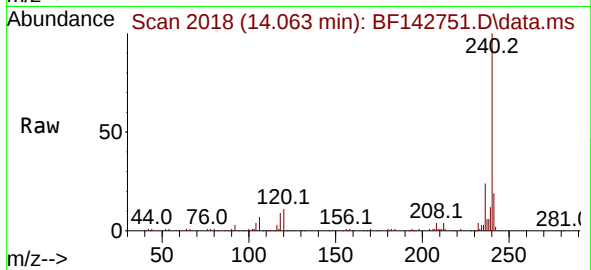
Tgt Ion:240 Resp: 146036

Ion Ratio Lower Upper

240 100

120 10.6 8.5 12.7

236 24.2 20.1 30.1



#77

Benzidine

Concen: 2.002 ng

RT: 13.004 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF142751.D

Acq: 12 Jun 2025 11:54

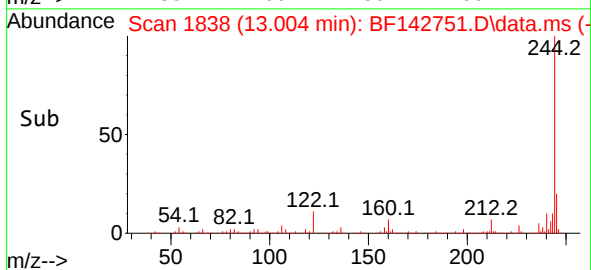
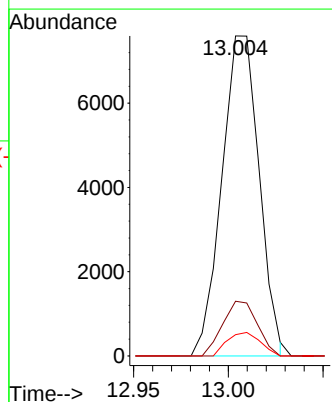
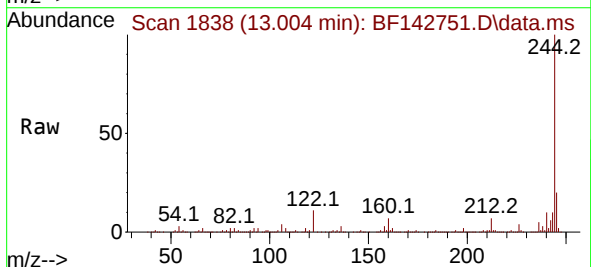
Tgt Ion:184 Resp: 10410

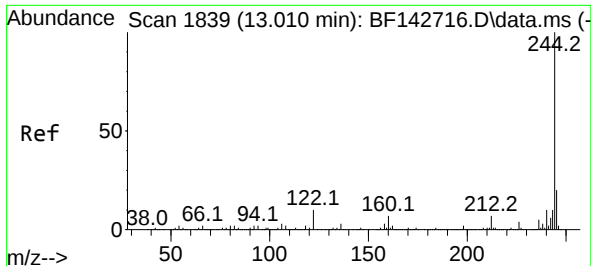
Ion Ratio Lower Upper

184 100

185 17.1 11.7 17.5

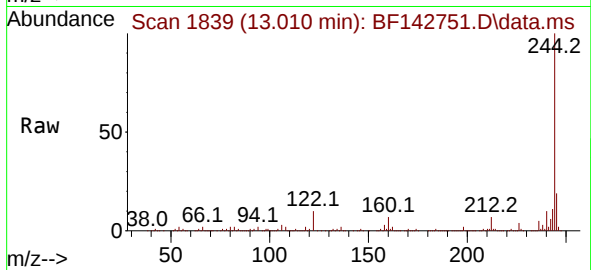
183 6.7 8.6 12.8#



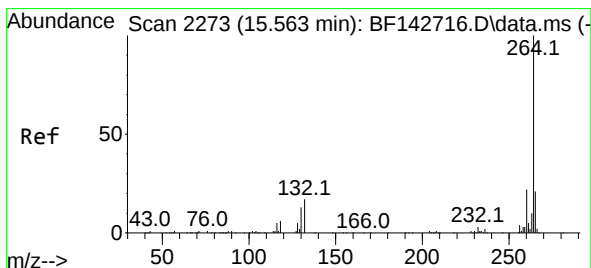
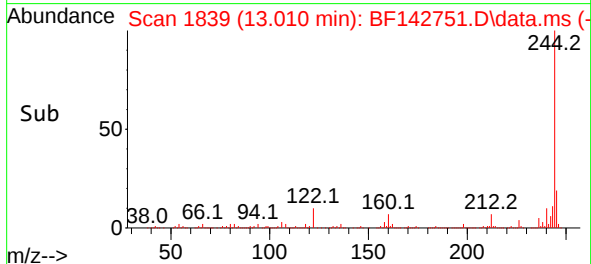
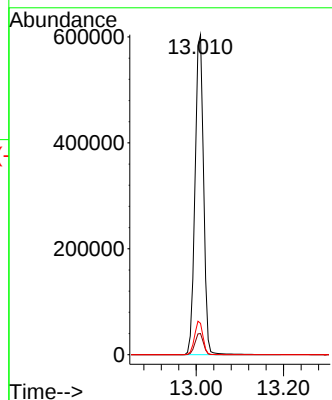


#79
 Terphenyl-d14
 Concen: 77.057 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF142751.D
 Acq: 12 Jun 2025 11:54

Instrument :
 BNA_F
 ClientSampleId :
 PB168412BL



Tgt Ion:244 Resp: 819333
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 9.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142751.D
 Acq: 12 Jun 2025 11:54

Tgt Ion:264 Resp: 147888
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.8 26.6
 265 21.5 16.6 25.0

