

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143275.D
 Acq On : 01 Aug 2025 11:08
 Operator : RC/JU
 Sample : PB169066BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169066BL

Quant Time: Aug 01 11:43:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

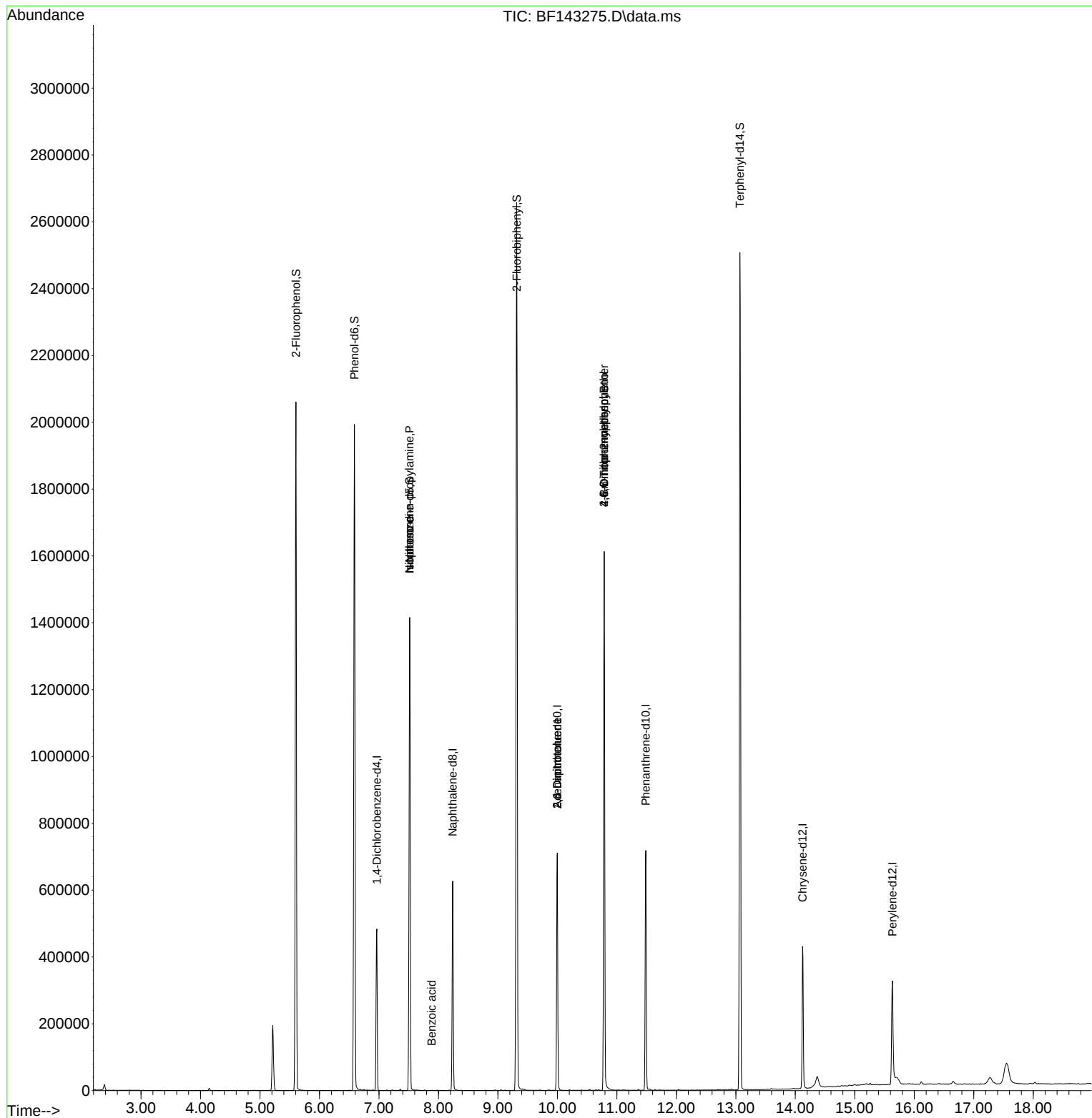
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	103448	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	395412	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	214655	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	376142	20.000	ng	0.00
76) Chrysene-d12	14.121	240	214525	20.000	ng	0.00
86) Perylene-d12	15.633	264	205579	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	770262	117.828	ng	0.02
7) Phenol-d6	6.587	99	976930	118.729	ng	0.00
23) Nitrobenzene-d5	7.516	82	662353	83.499	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	294834	132.957	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1243179	79.206	ng	0.00
79) Terphenyl-d14	13.068	244	1273724	88.355	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	89167	16.891	ng	# 79
25) Isophorone	7.516	82	657861	46.978	ng	# 66
32) Benzoic acid	7.886	122	209	5.229	ng	# 1
51) 2,6-Dinitrotoluene	9.998	165	27497	9.660	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	27497	7.700	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.786	198	563	5.666	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	18750	4.183	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143275.D
Acq On : 01 Aug 2025 11:08
Operator : RC/JU
Sample : PB169066BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169066BL

Quant Time: Aug 01 11:43:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

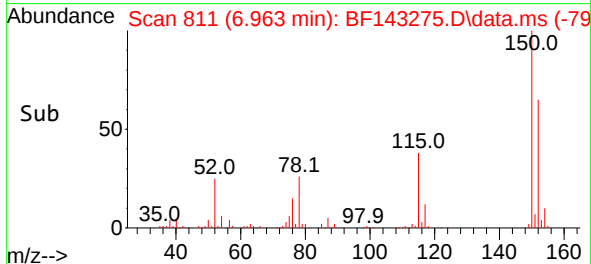
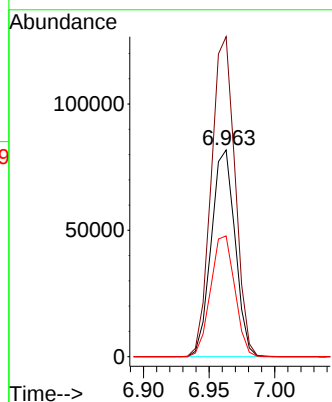
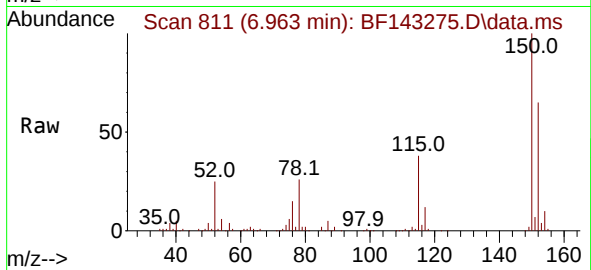




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143275.D
Acq: 01 Aug 2025 11:08

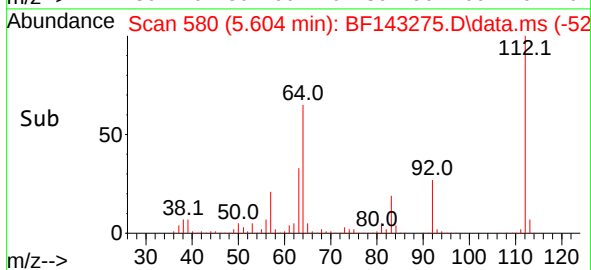
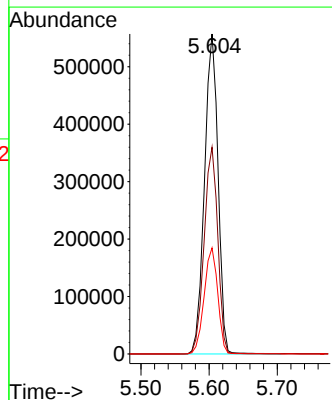
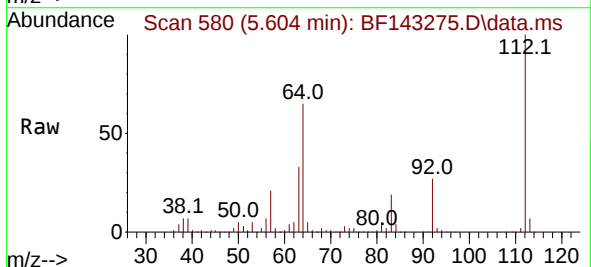
Instrument :
BNA_F
ClientSampleId :
PB169066BL

Tgt Ion:152 Resp: 103448
Ion Ratio Lower Upper
152 100
150 154.8 128.2 192.4
115 58.4 47.9 71.9



#5
2-Fluorophenol
Concen: 117.828 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143275.D
Acq: 01 Aug 2025 11:08

Tgt Ion:112 Resp: 770262
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 33.2 26.6 40.0

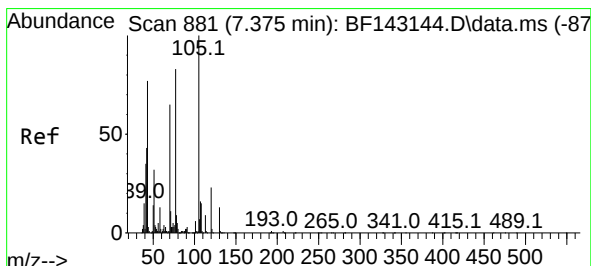
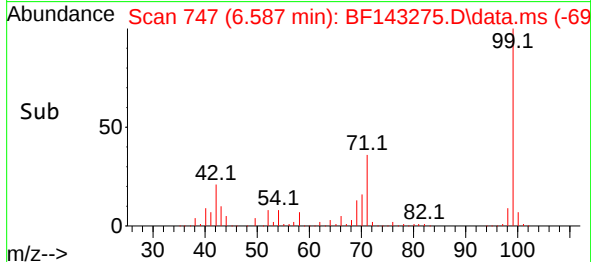
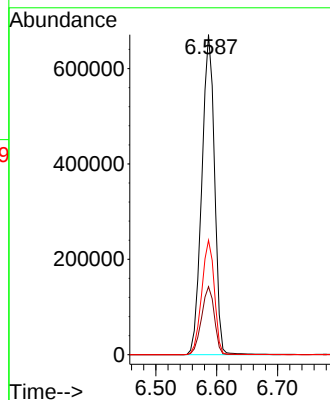
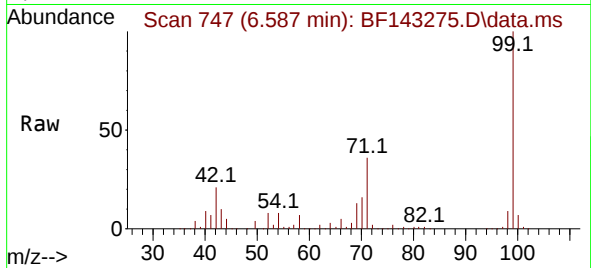




#7
Phenol-d6
Concen: 118.729 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143275.D
Acq: 01 Aug 2025 11:08

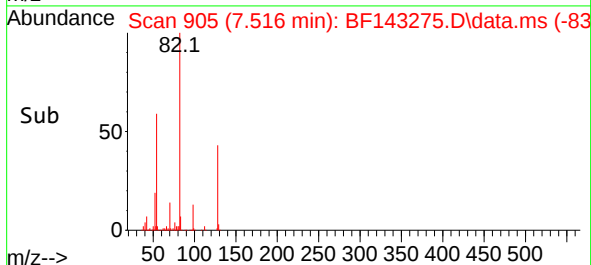
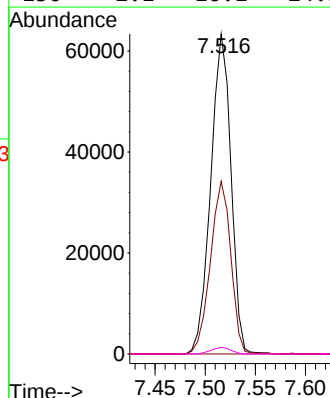
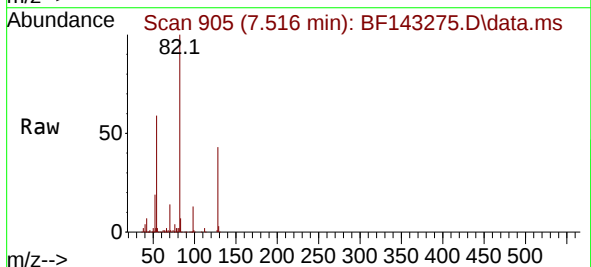
Instrument :
BNA_F
ClientSampleId :
PB169066BL

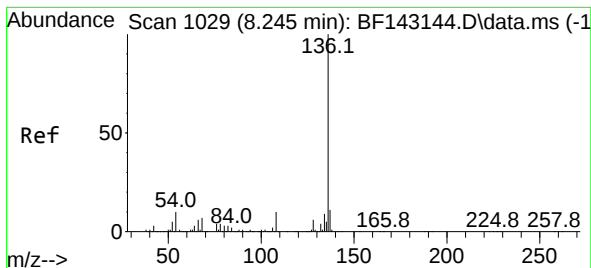
Tgt Ion: 99 Resp: 976930
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 35.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.891 ng
RT: 7.516 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF143275.D
Acq: 01 Aug 2025 11:08

Tgt Ion: 70 Resp: 89167
Ion Ratio Lower Upper
70 100
42 53.9 52.5 78.7
101 0.0 7.6 11.4#
130 2.1 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143275.D

Acq: 01 Aug 2025 11:08

Instrument :

BNA_F

ClientSampleId :

PB169066BL

Tgt Ion:136 Resp: 395412

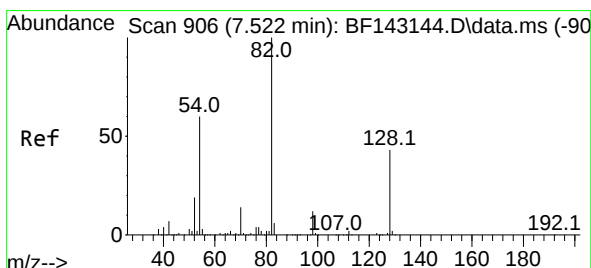
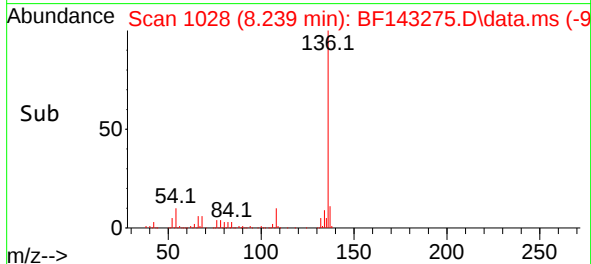
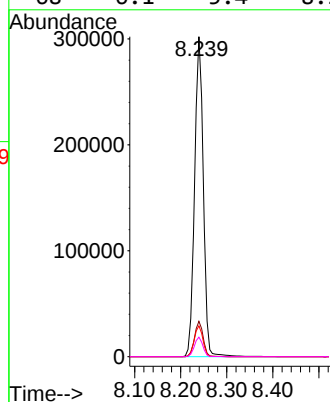
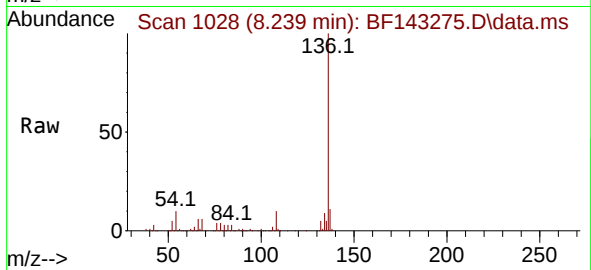
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.7 8.2 12.2

68 6.1 5.4 8.2



#23

Nitrobenzene-d5

Concen: 83.499 ng

RT: 7.516 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF143275.D

Acq: 01 Aug 2025 11:08

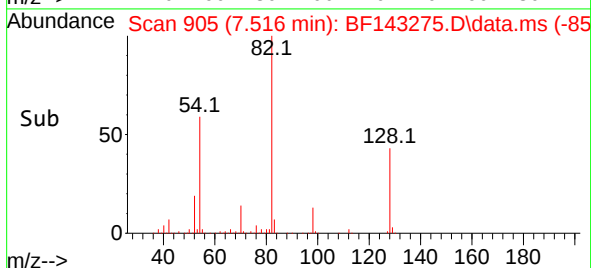
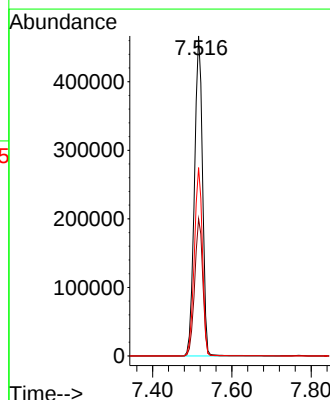
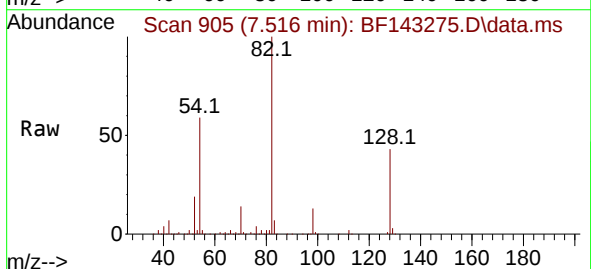
Tgt Ion: 82 Resp: 662353

Ion Ratio Lower Upper

82 100

128 42.8 33.6 50.4

54 58.9 47.1 70.7

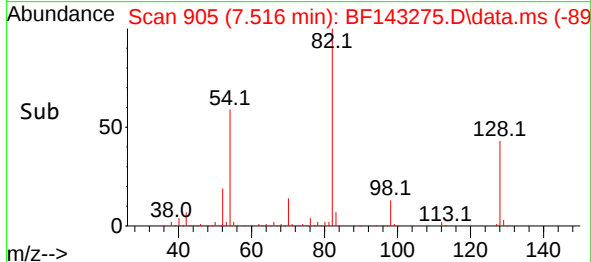
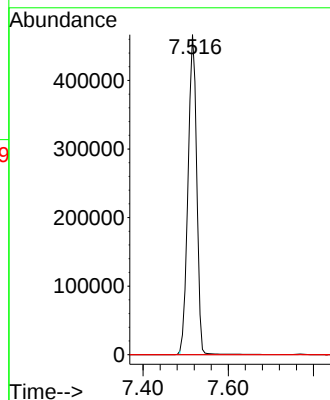
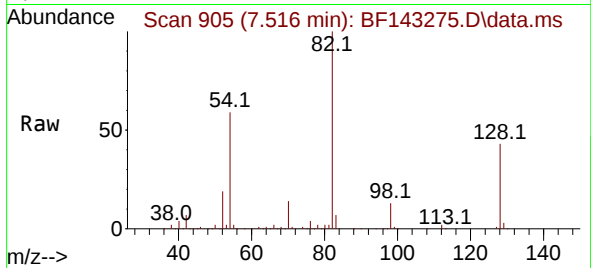




#25
Isophorone
Concen: 46.978 ng
RT: 7.516 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143275.D
Acq: 01 Aug 2025 11:08

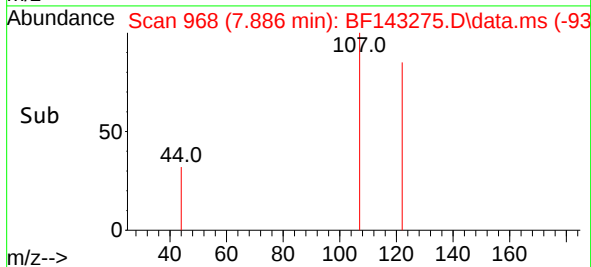
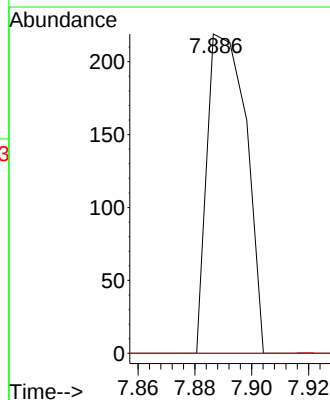
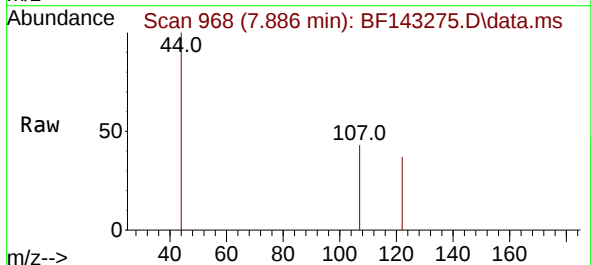
Instrument :
BNA_F
ClientSampleId :
PB169066BL

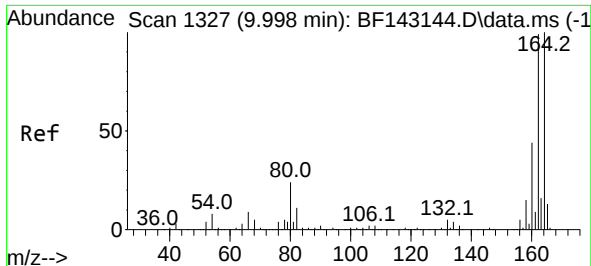
Tgt Ion: 82 Resp: 657861
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#32
Benzoic acid
Concen: 5.229 ng
RT: 7.886 min Scan# 968
Delta R.T. -0.106 min
Lab File: BF143275.D
Acq: 01 Aug 2025 11:08

Tgt Ion:122 Resp: 209
Ion Ratio Lower Upper
122 100
105 0.0 104.8 144.8#
77 0.0 77.6 117.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143275.D

Acq: 01 Aug 2025 11:08

Instrument :

BNA_F

ClientSampleId :

PB169066BL

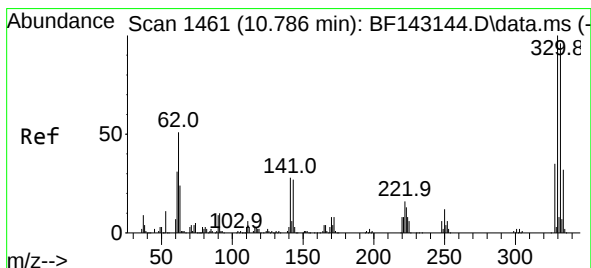
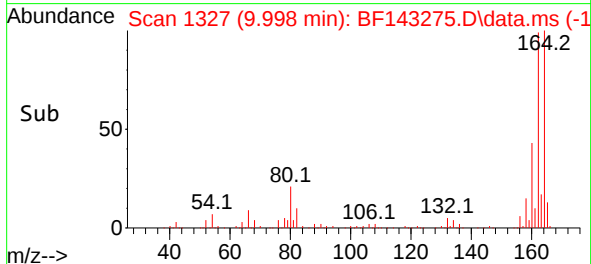
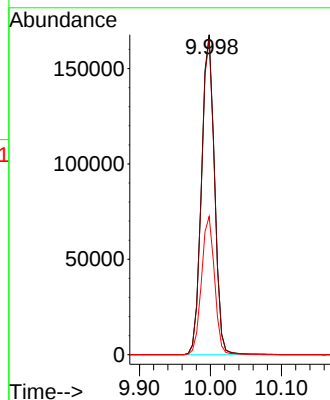
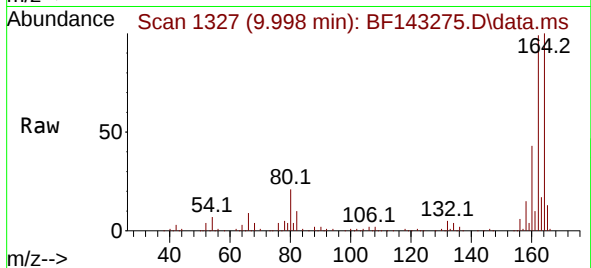
Tgt Ion:164 Resp: 214655

Ion Ratio Lower Upper

164 100

162 98.6 79.0 118.6

160 43.2 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 132.957 ng

RT: 10.786 min Scan# 1461

Delta R.T. -0.000 min

Lab File: BF143275.D

Acq: 01 Aug 2025 11:08

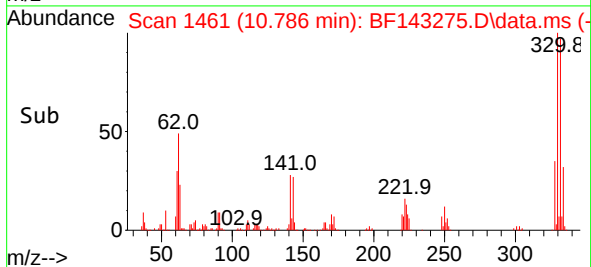
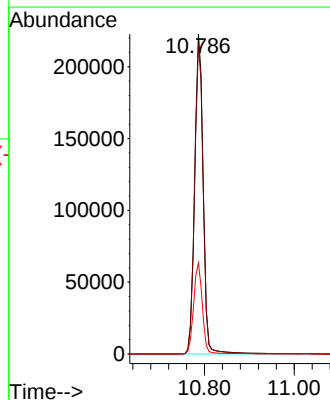
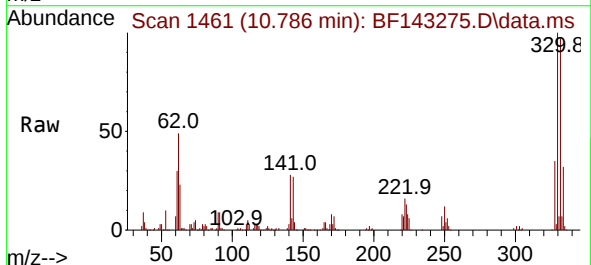
Tgt Ion:330 Resp: 294834

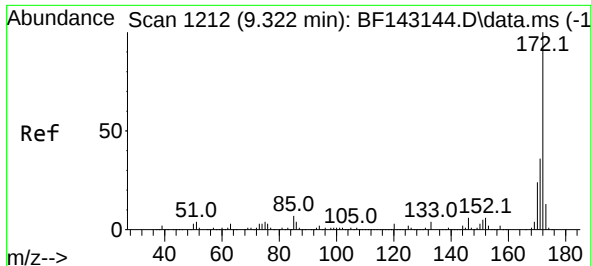
Ion Ratio Lower Upper

330 100

332 97.2 76.7 115.1

141 29.2 23.3 34.9

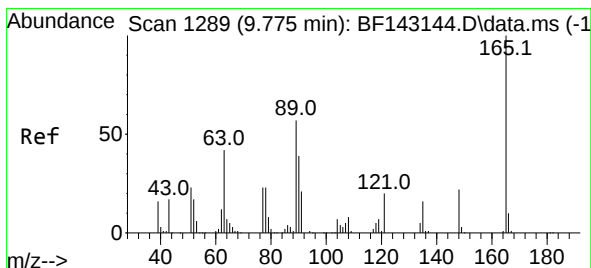
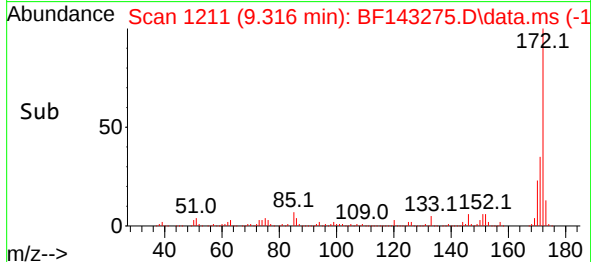
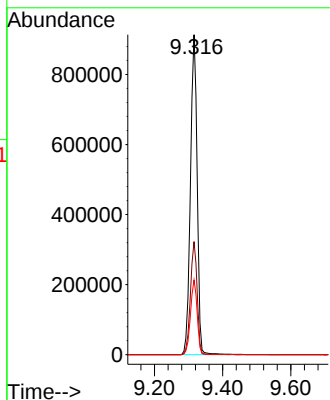
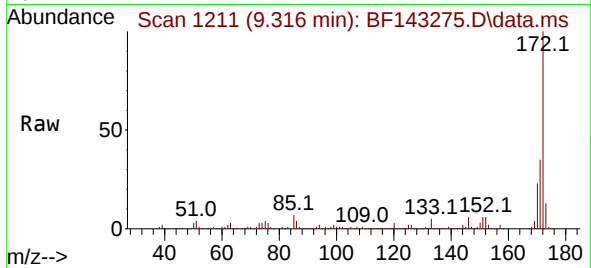




#45
2-Fluorobiphenyl
Concen: 79.206 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143275.D
Acq: 01 Aug 2025 11:08

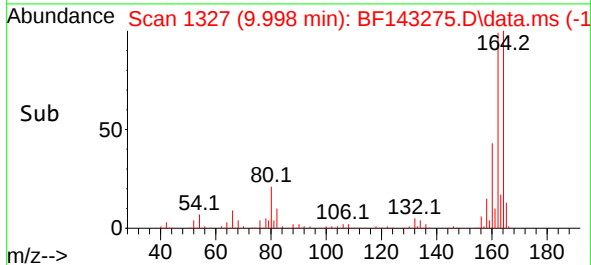
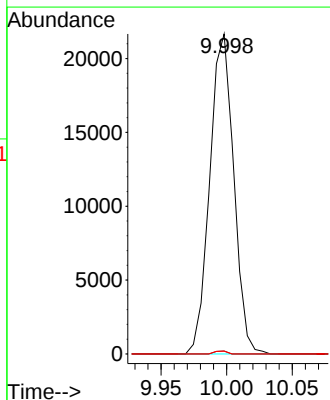
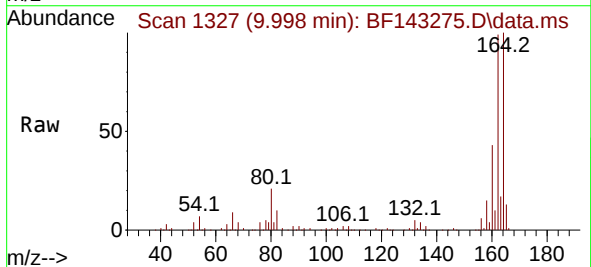
Instrument :
BNA_F
ClientSampleId :
PB169066BL

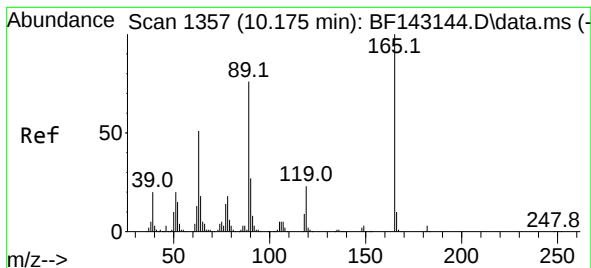
Tgt Ion:172 Resp: 1243179
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.3 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.660 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.223 min
Lab File: BF143275.D
Acq: 01 Aug 2025 11:08

Tgt Ion:165 Resp: 27497
Ion Ratio Lower Upper
165 100
63 0.9 49.4 74.2#
89 0.8 46.2 69.2#

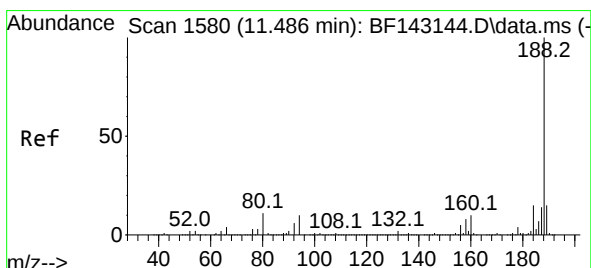
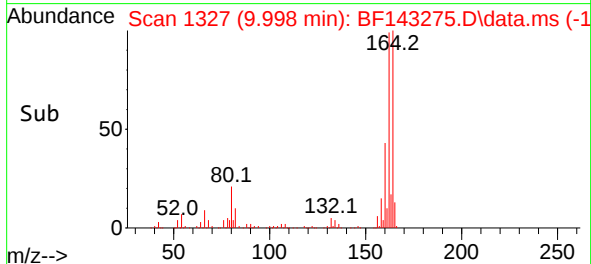
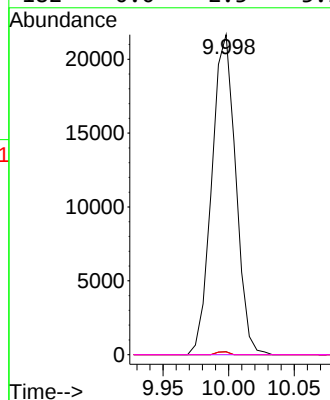
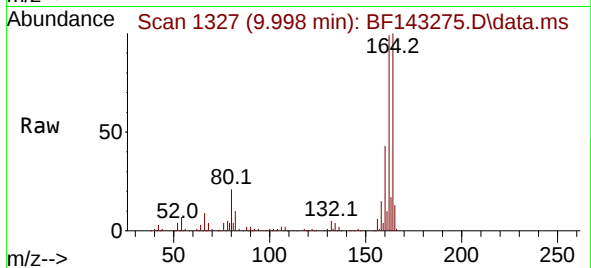




#57
2,4-Dinitrotoluene
Concen: 7.700 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.176 min
Lab File: BF143275.D
Acq: 01 Aug 2025 11:08

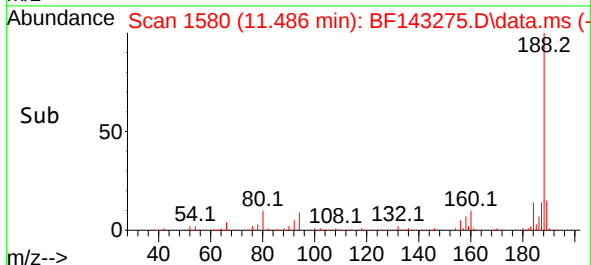
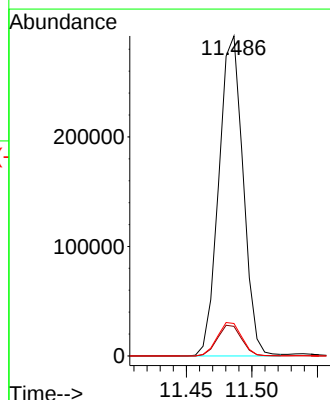
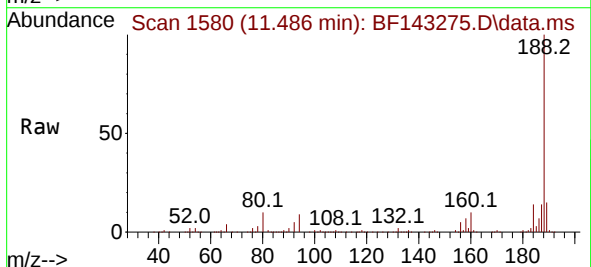
Instrument :
BNA_F
ClientSampleId :
PB169066BL

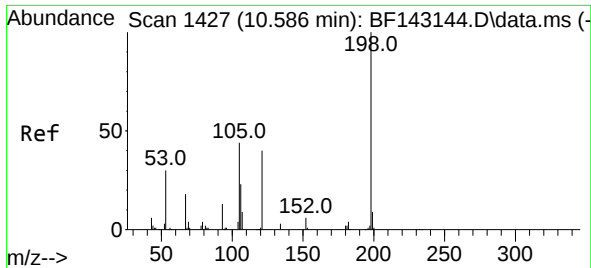
Tgt Ion:165 Resp: 27497
Ion Ratio Lower Upper
165 100
63 0.9 41.0 61.4#
89 0.8 61.1 91.7#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143275.D
Acq: 01 Aug 2025 11:08

Tgt Ion:188 Resp: 376142
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 10.2 9.0 13.6

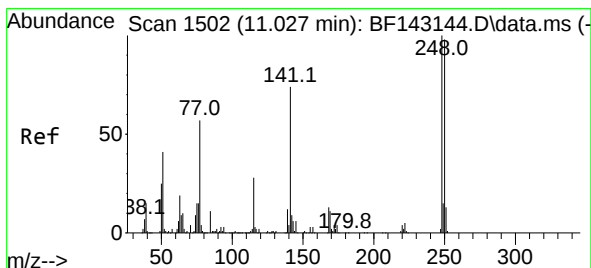
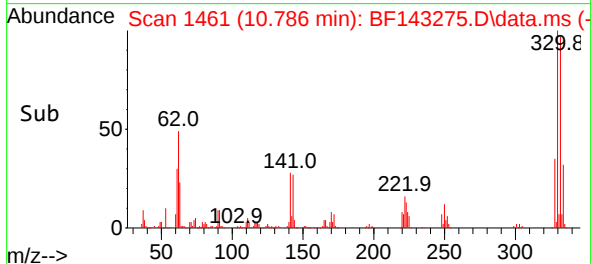
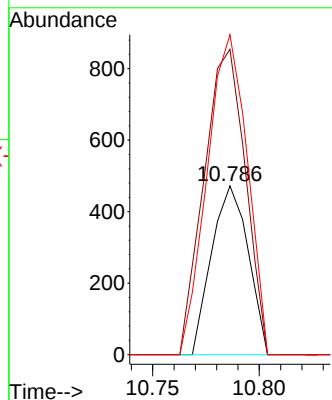
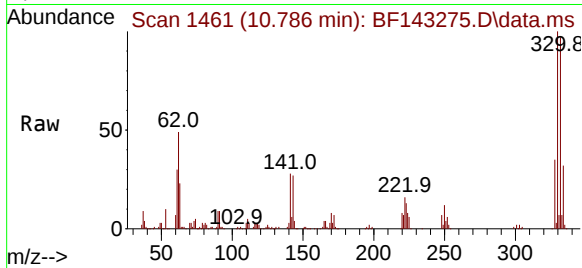




#65
4,6-Dinitro-2-methylphenol
Concen: 5.666 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.200 min
Lab File: BF143275.D
Acq: 01 Aug 2025 11:08

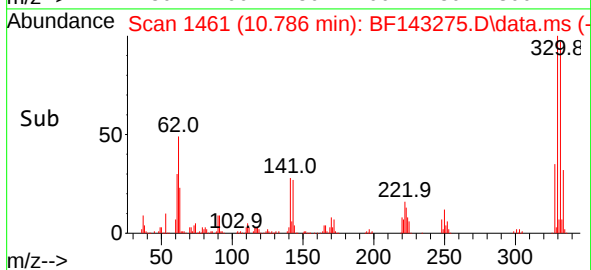
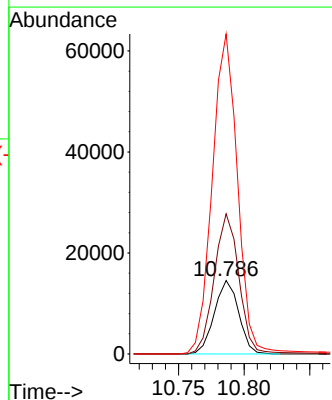
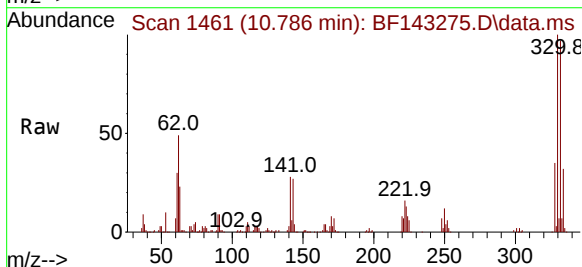
Instrument :
BNA_F
ClientSampleId :
PB169066BL

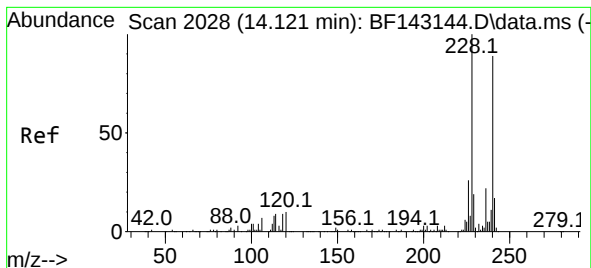
Tgt Ion:198 Resp: 563
Ion Ratio Lower Upper
198 100
51 180.9 37.2 77.2#
105 189.6 24.8 64.8#



#67
4-Bromophenyl-phenylether
Concen: 4.183 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF143275.D
Acq: 01 Aug 2025 11:08

Tgt Ion:248 Resp: 18750
Ion Ratio Lower Upper
248 100
250 190.7 78.3 117.5#
141 435.5 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF143275.D

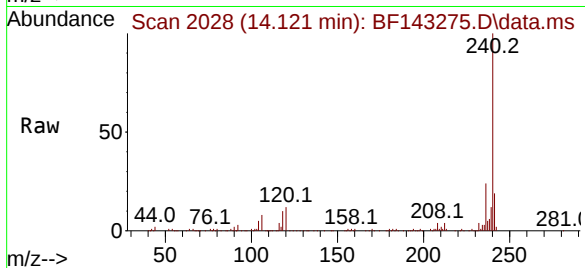
Acq: 01 Aug 2025 11:08

Instrument :

BNA_F

ClientSampleId :

PB169066BL



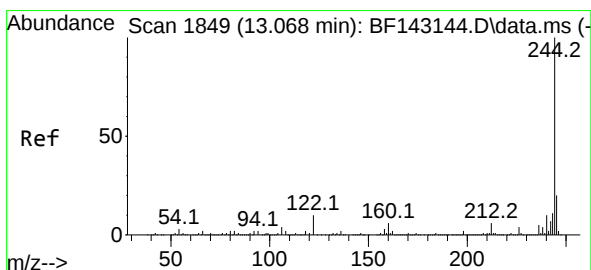
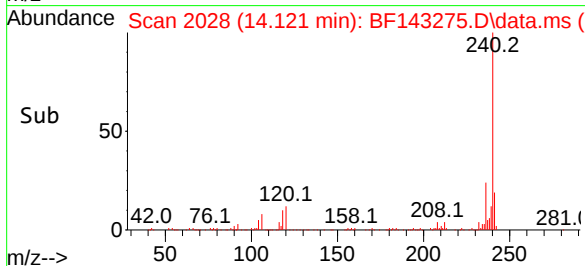
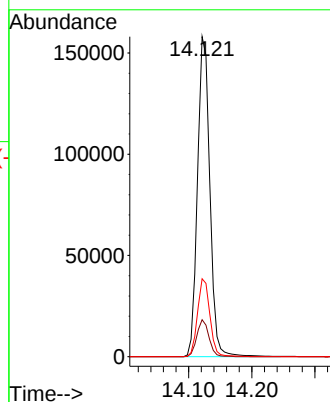
Tgt Ion:240 Resp: 214525

Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 24.4 20.2 30.4



#79

Terphenyl-d14

Concen: 88.355 ng

RT: 13.068 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BF143275.D

Acq: 01 Aug 2025 11:08

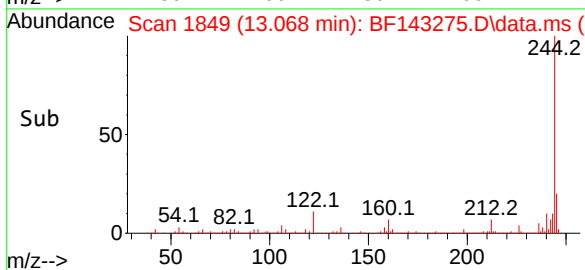
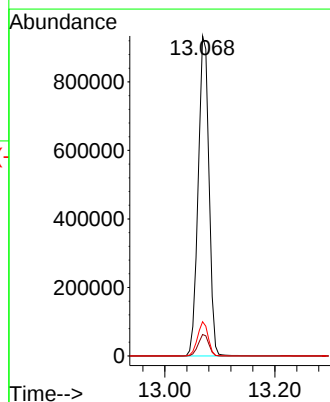
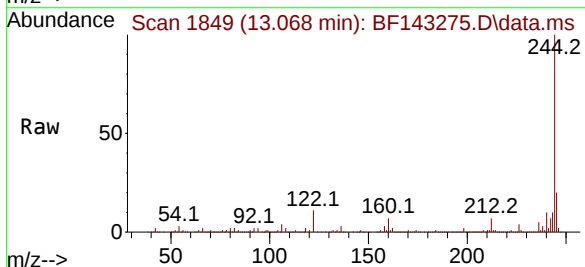
Tgt Ion:244 Resp: 1273724

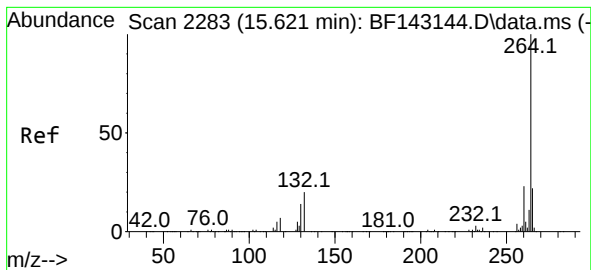
Ion Ratio Lower Upper

244 100

212 6.7 5.2 7.8

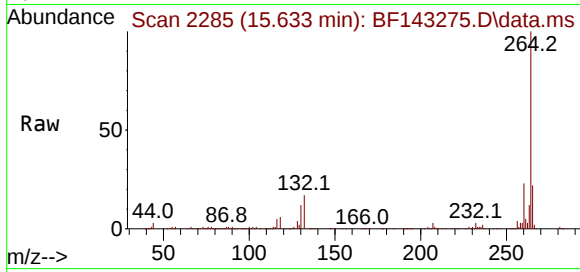
122 10.7 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF143275.D
 Acq: 01 Aug 2025 11:08

Instrument :
 BNA_F
 ClientSampleId :
 PB169066BL



Tgt Ion:264 Resp: 205579
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.8 17.4 26.2

