

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
 Data File : BF143306.D
 Acq On : 05 Aug 2025 10:29
 Operator : RC/JU
 Sample : PB169095BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169095BL

Quant Time: Aug 05 11:02:50 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)

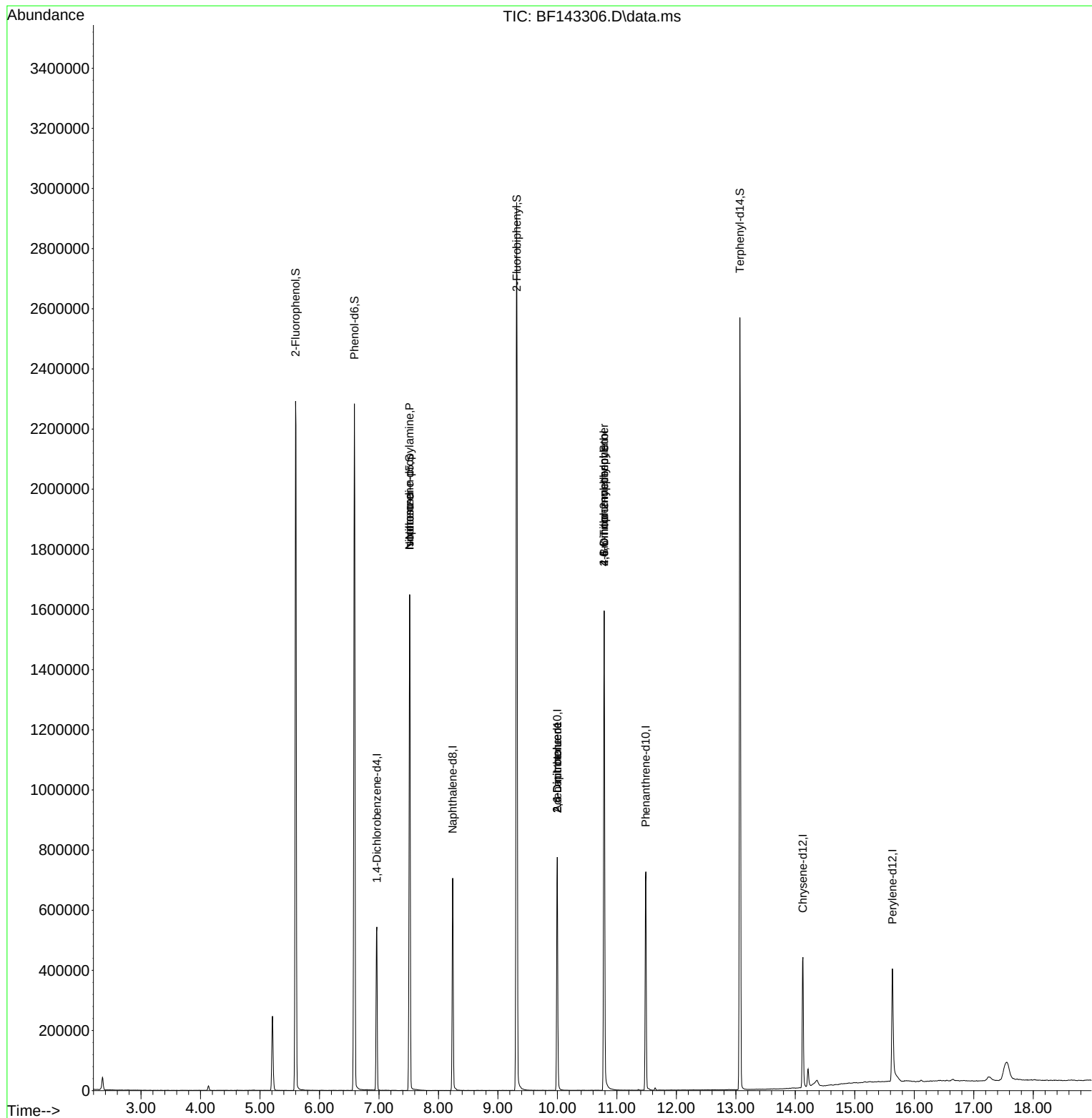
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	114562	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	444658	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	231807	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	384624	20.000	ng	0.00
76) Chrysene-d12	14.127	240	231168	20.000	ng	0.00
86) Perylene-d12	15.633	264	249231	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	892339	123.260	ng	0.01
7) Phenol-d6	6.587	99	1132998	124.338	ng	0.00
23) Nitrobenzene-d5	7.516	82	758819	85.065	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	303025	126.540	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1392098	82.131	ng	0.00
79) Terphenyl-d14	13.069	244	1279760	82.383	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	101559	17.372	ng	# 78
25) Isophorone	7.516	82	750078	47.632	ng	# 66
51) 2,6-Dinitrotoluene	9.998	165	29881	9.721	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	29882	7.749	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.786	198	593	5.673	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	18250	3.982	ng	# 1

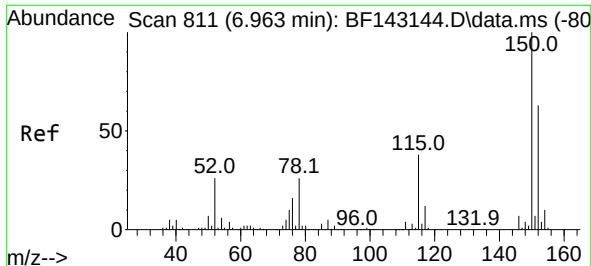
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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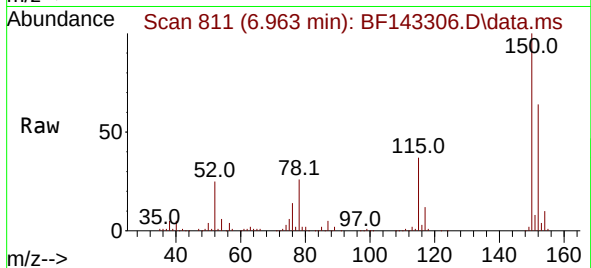
Quant Time: Aug 05 11:02:50 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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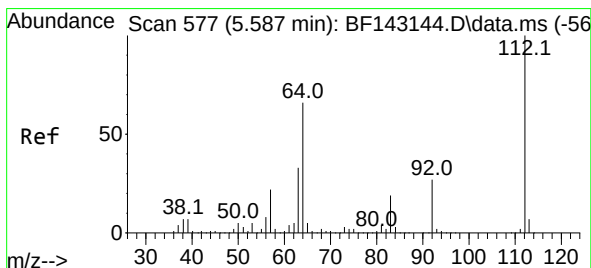
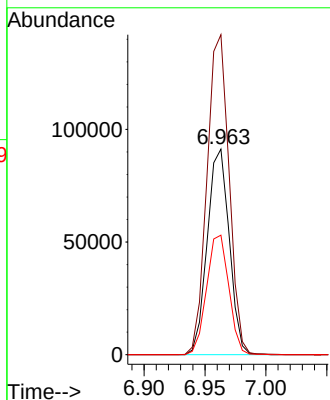
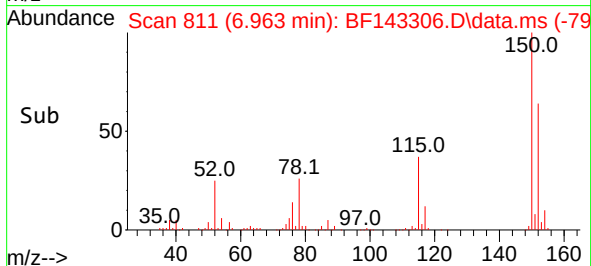


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB169095BL

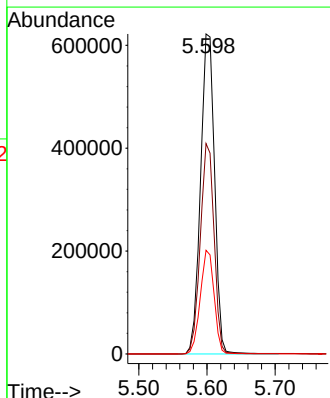
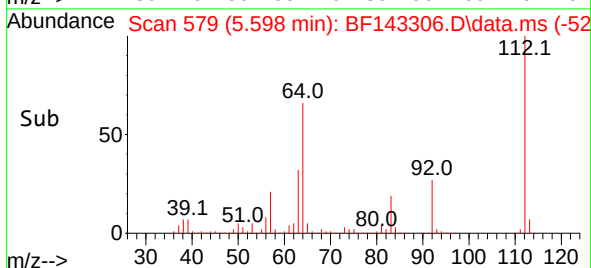
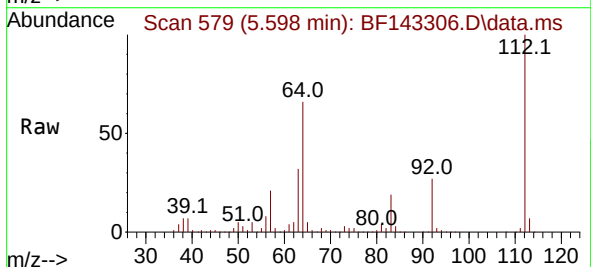


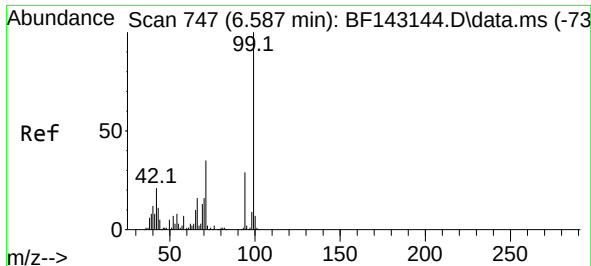
Tgt Ion:152 Resp: 114562
Ion Ratio Lower Upper
152 100
150 155.6 128.2 192.4
115 58.1 47.9 71.9



#5
2-Fluorophenol
Concen: 123.260 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

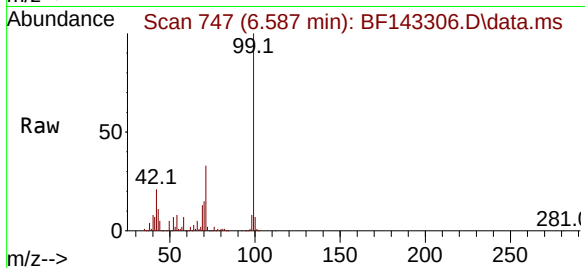
Tgt Ion:112 Resp: 892339
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 32.4 26.6 40.0





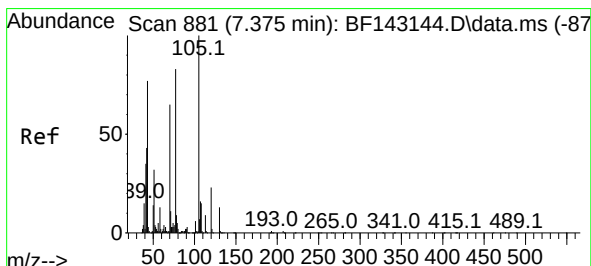
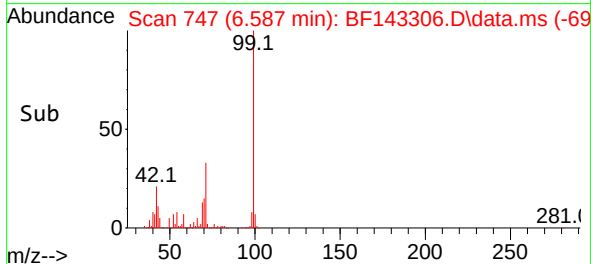
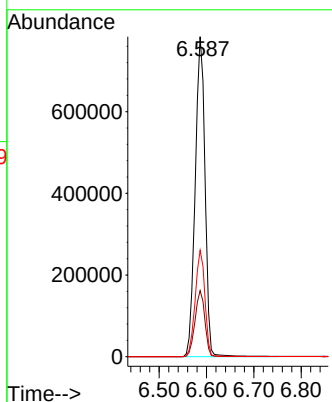
#7
Phenol-d6
Concen: 124.338 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB169095BL



Tgt Ion: 99 Resp: 1132998

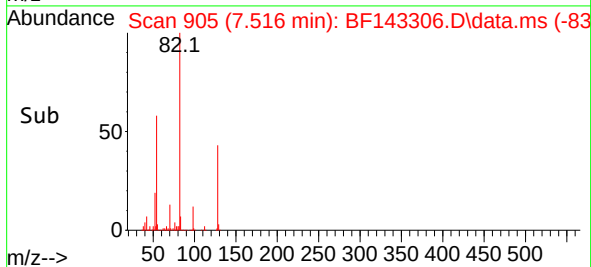
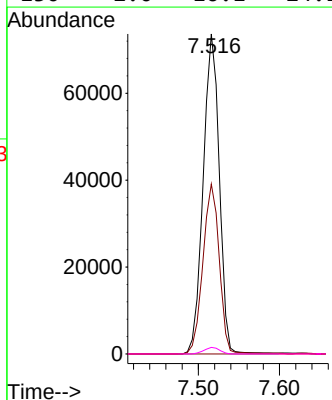
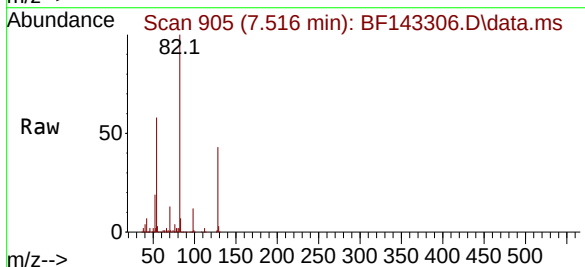
Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.0	25.6
71	33.3	27.7	41.5

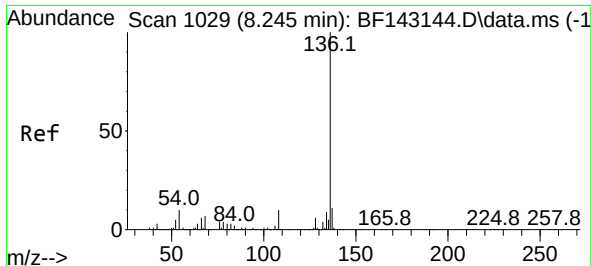


#19
n-Nitroso-di-n-propylamine
Concen: 17.372 ng
RT: 7.516 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Tgt Ion: 70 Resp: 101559

Ion	Ratio	Lower	Upper
70	100		
42	53.1	52.5	78.7
101	0.0	7.6	11.4#
130	2.0	16.1	24.1#

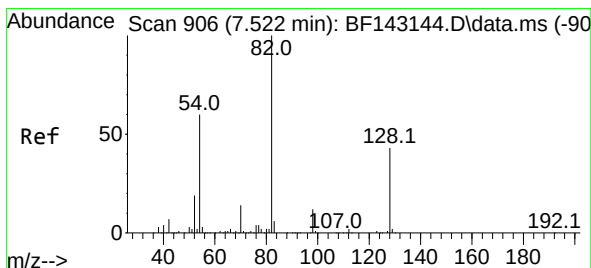
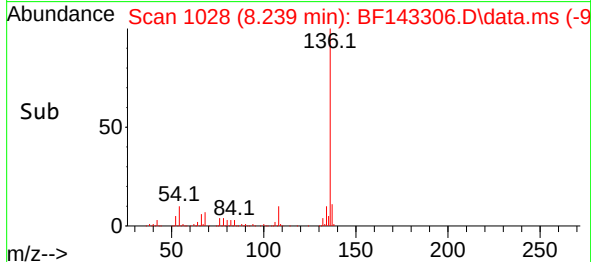
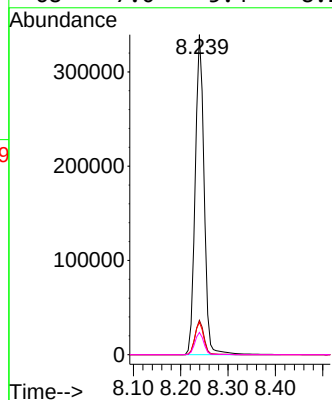
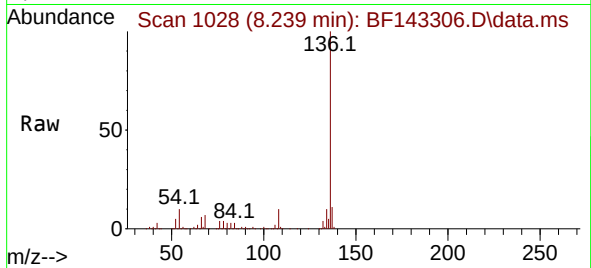




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

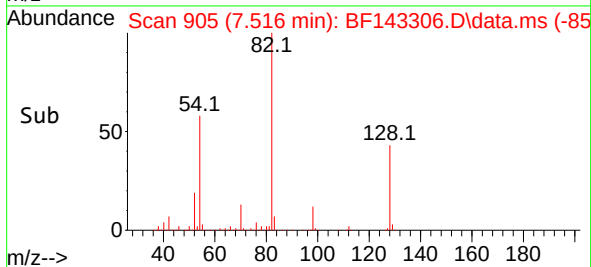
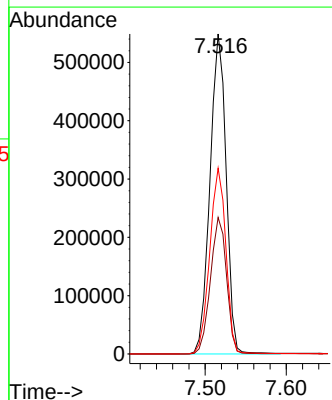
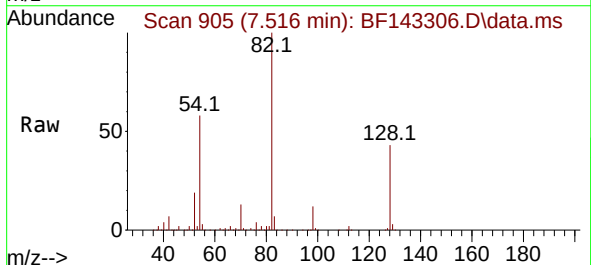
Instrument :
BNA_F
ClientSampleId :
PB169095BL

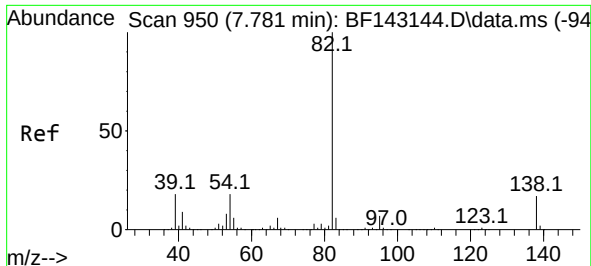
Tgt Ion:	136	Resp:	444658
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.2	8.2	12.2
68	7.0	5.4	8.2



#23
Nitrobenzene-d5
Concen: 85.065 ng
RT: 7.516 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

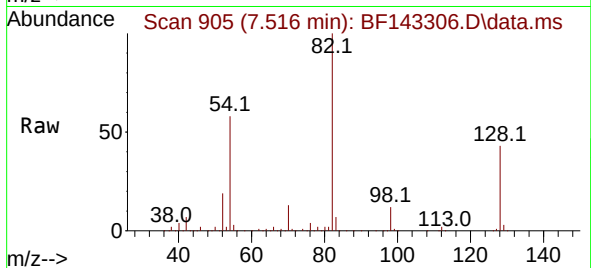
Tgt Ion:	82	Resp:	758819
Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.6	50.4
54	58.0	47.1	70.7



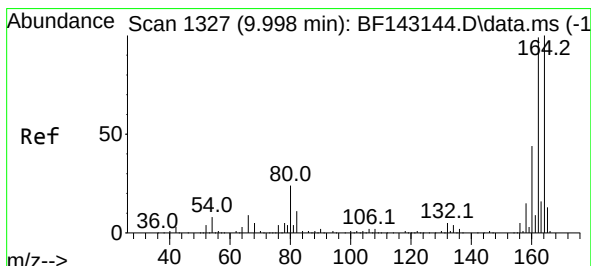
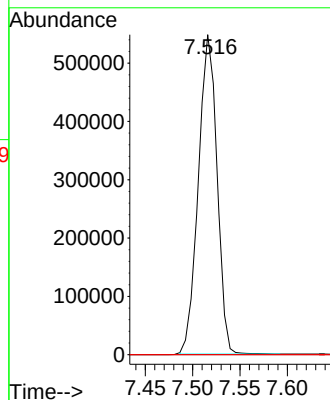
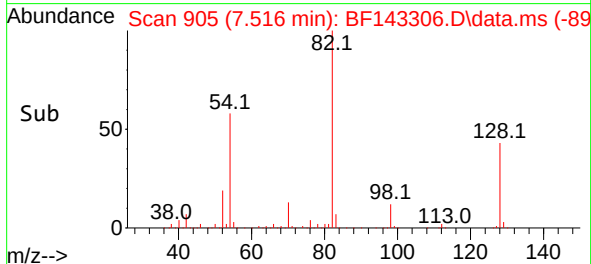


#25
Isophorone
Concen: 47.632 ng
RT: 7.516 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Instrument :
BNA_F
ClientSampleId :
PB169095BL

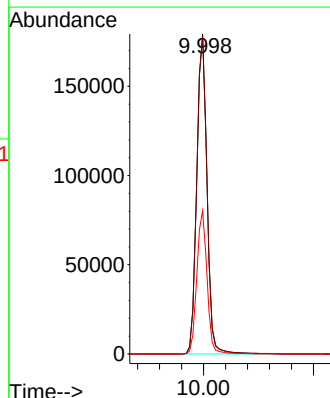
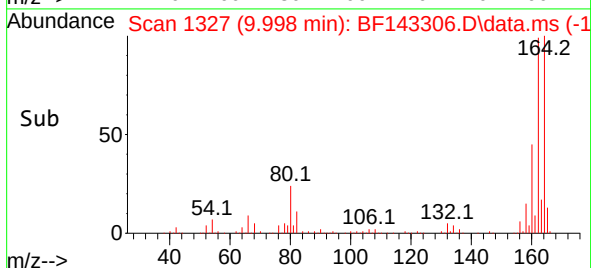
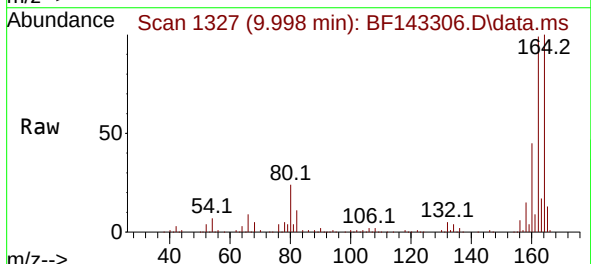


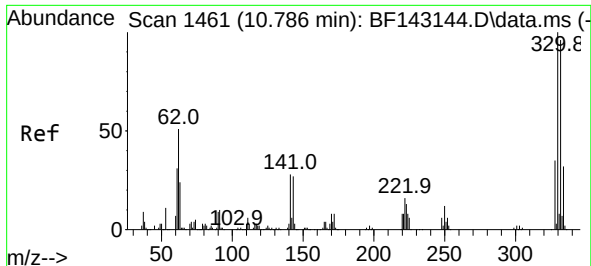
Tgt Ion: 82 Resp: 750078
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Tgt Ion: 164 Resp: 231807
Ion Ratio Lower Upper
164 100
162 99.3 79.0 118.6
160 44.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 126.540 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143306.D

Acq: 05 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

PB169095BL

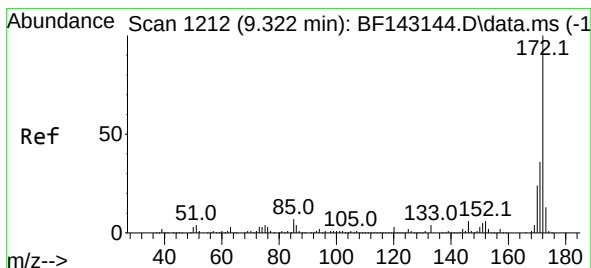
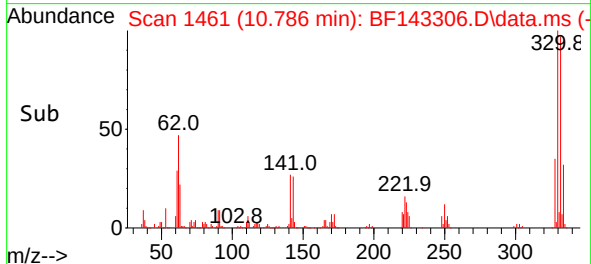
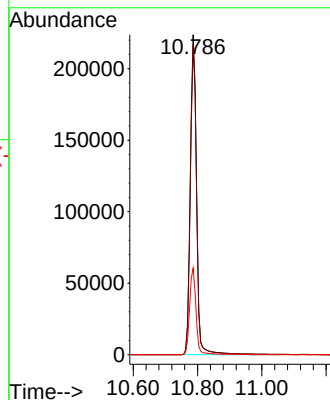
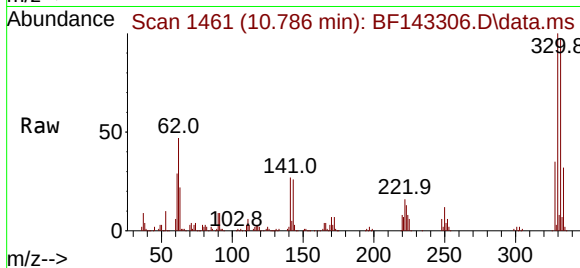
Tgt Ion:330 Resp: 303025

Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

141 27.8 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 82.131 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143306.D

Acq: 05 Aug 2025 10:29

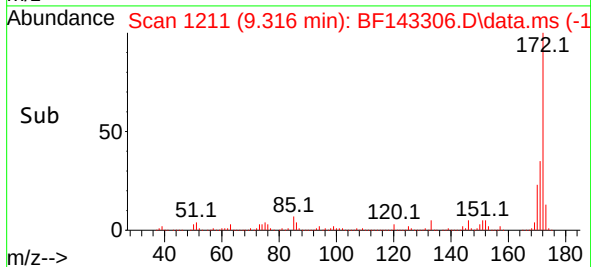
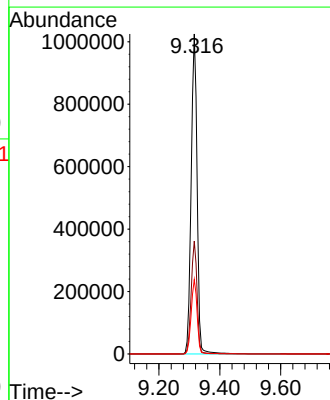
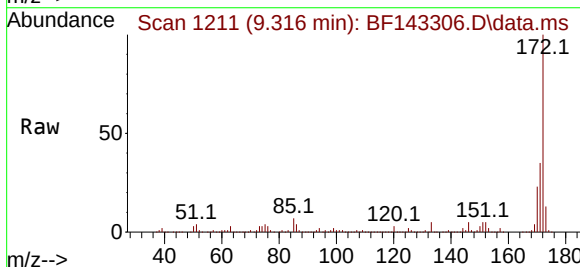
Tgt Ion:172 Resp: 1392098

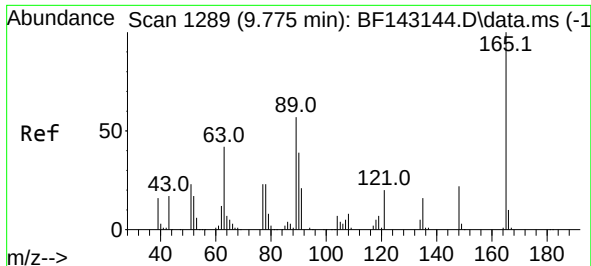
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.3 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.721 ng

RT: 9.998 min Scan# 11

Delta R.T. 0.224 min

Lab File: BF143306.D

Acq: 05 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

PB169095BL

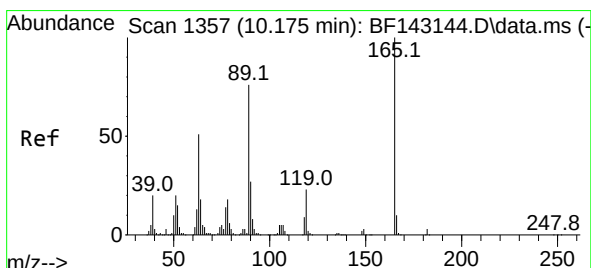
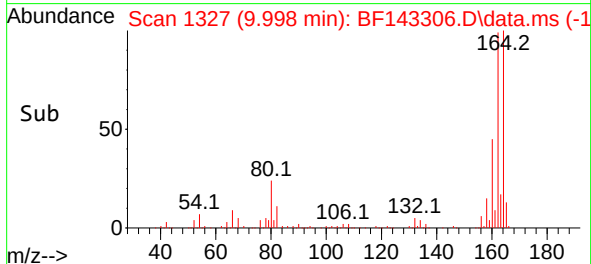
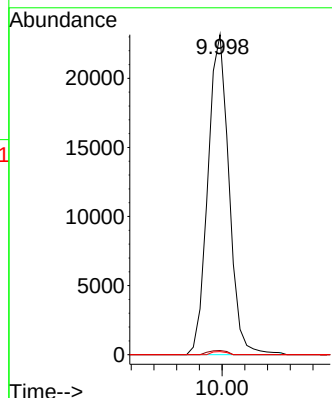
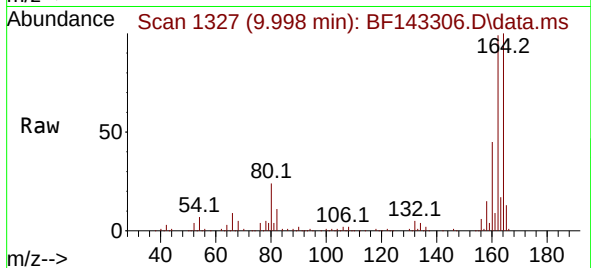
Tgt Ion:165 Resp: 29881

Ion Ratio Lower Upper

165 100

63 1.3 49.4 74.2#

89 1.0 46.2 69.2#



#57

2,4-Dinitrotoluene

Concen: 7.749 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.176 min

Lab File: BF143306.D

Acq: 05 Aug 2025 10:29

Tgt Ion:165 Resp: 29882

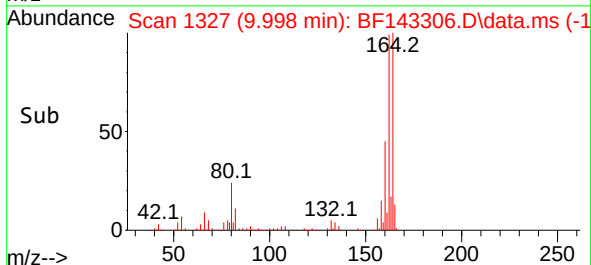
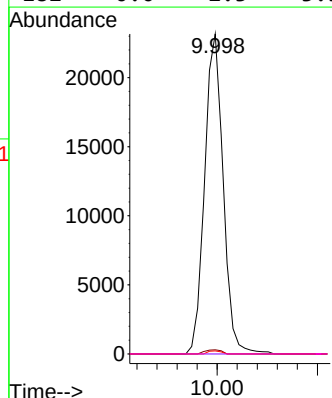
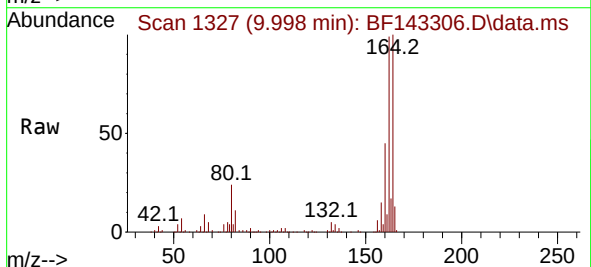
Ion Ratio Lower Upper

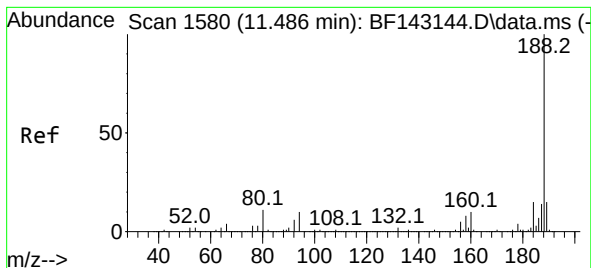
165 100

63 1.3 41.0 61.4#

89 1.0 61.1 91.7#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143306.D

Acq: 05 Aug 2025 10:29

Instrument :

BNA_F

ClientSampleId :

PB169095BL

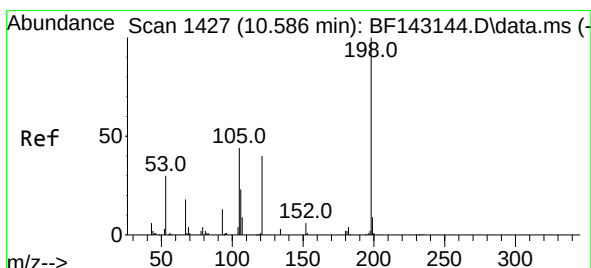
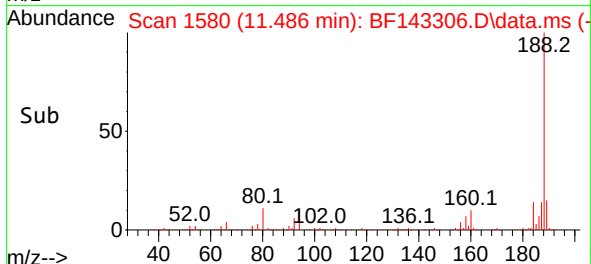
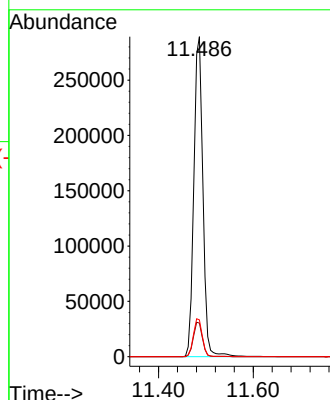
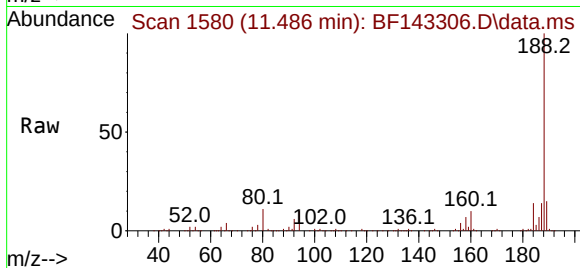
Tgt Ion:188 Resp: 384624

Ion Ratio Lower Upper

188 100

94 10.5 8.3 12.5

80 11.5 9.0 13.6



#65

4,6-Dinitro-2-methylphenol

Concen: 5.673 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.200 min

Lab File: BF143306.D

Acq: 05 Aug 2025 10:29

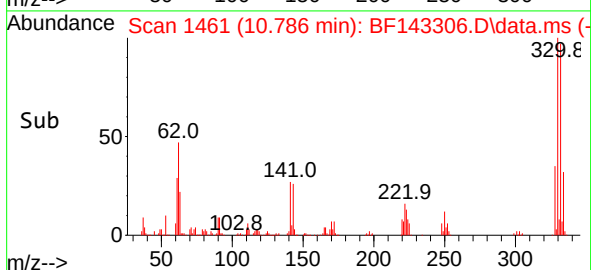
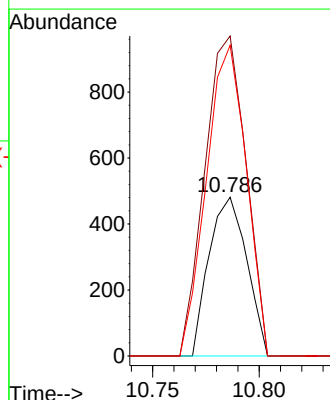
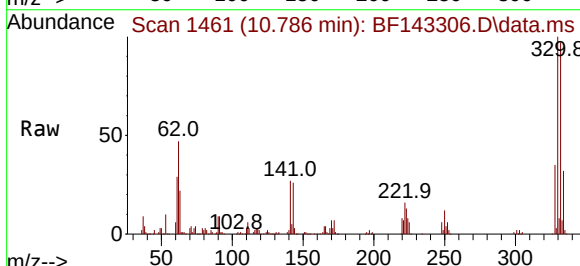
Tgt Ion:198 Resp: 593

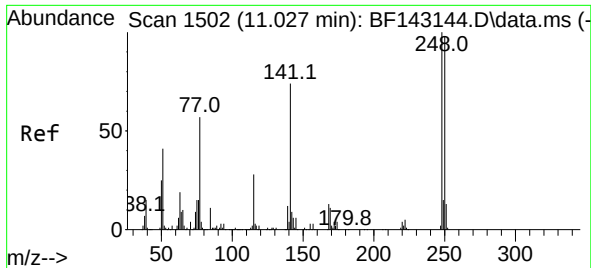
Ion Ratio Lower Upper

198 100

51 201.7 37.2 77.2#

105 195.8 24.8 64.8#

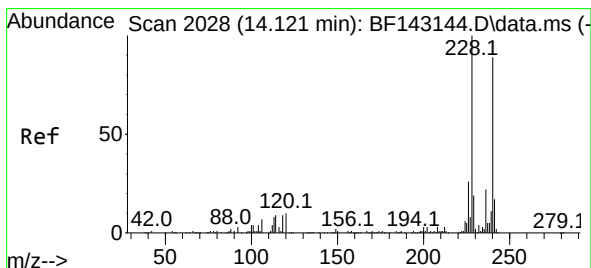
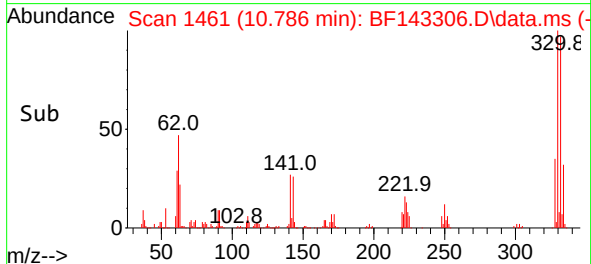
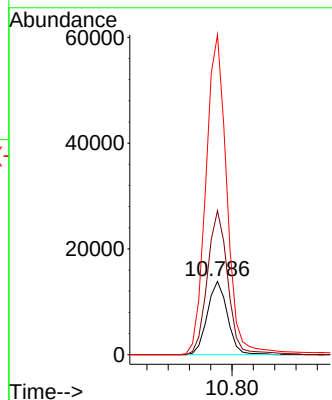
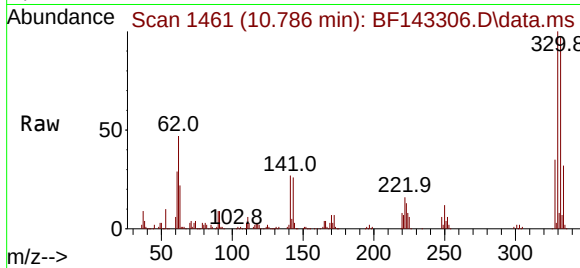




#67
4-Bromophenyl-phenylether
Concen: 3.982 ng
RT: 10.786 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

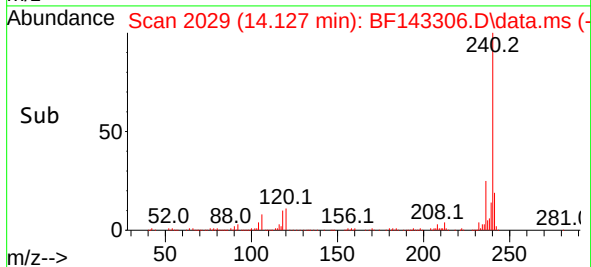
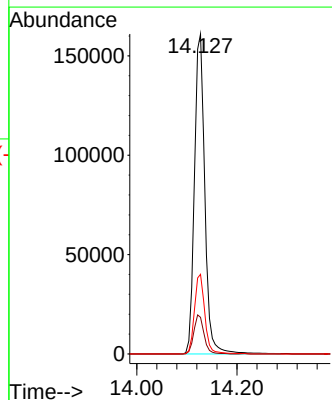
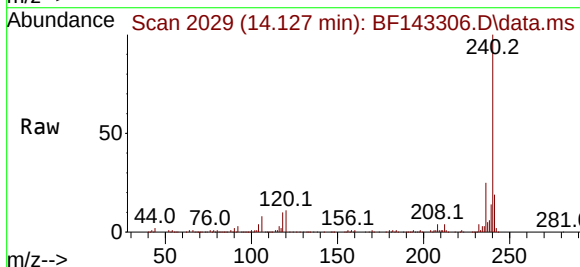
Instrument :
BNA_F
ClientSampleId :
PB169095BL

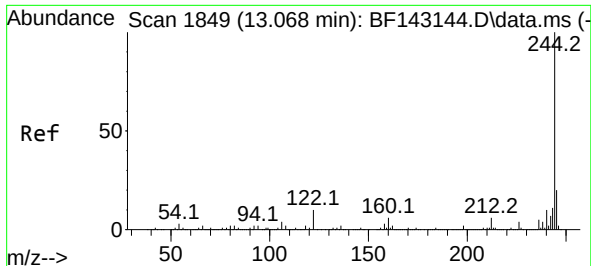
Tgt Ion:248 Resp: 18250
Ion Ratio Lower Upper
248 100
250 196.4 78.3 117.5#
141 436.4 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143306.D
Acq: 05 Aug 2025 10:29

Tgt Ion:240 Resp: 231168
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 24.9 20.2 30.4

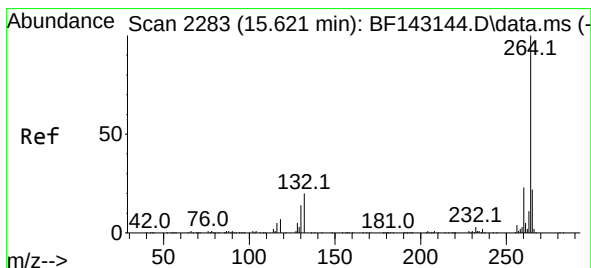
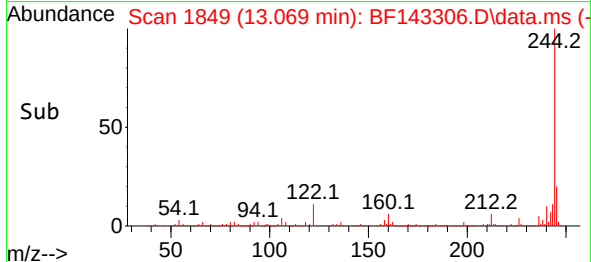
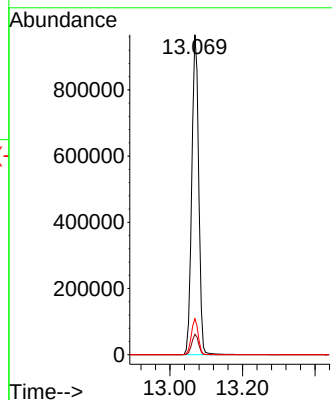
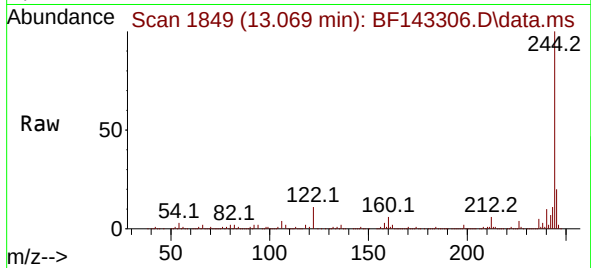




#79
 Terphenyl-d14
 Concen: 82.383 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143306.D
 Acq: 05 Aug 2025 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB169095BL

Tgt Ion:244 Resp: 1279760
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 11.2 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2285
 Delta R.T. 0.012 min
 Lab File: BF143306.D
 Acq: 05 Aug 2025 10:29

Tgt Ion:264 Resp: 249231
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.1 17.4 26.2

