

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143833.D
 Acq On : 30 Sep 2025 15:04
 Operator : RC/JU
 Sample : PB169880TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169880TB

Quant Time: Sep 30 15:28:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

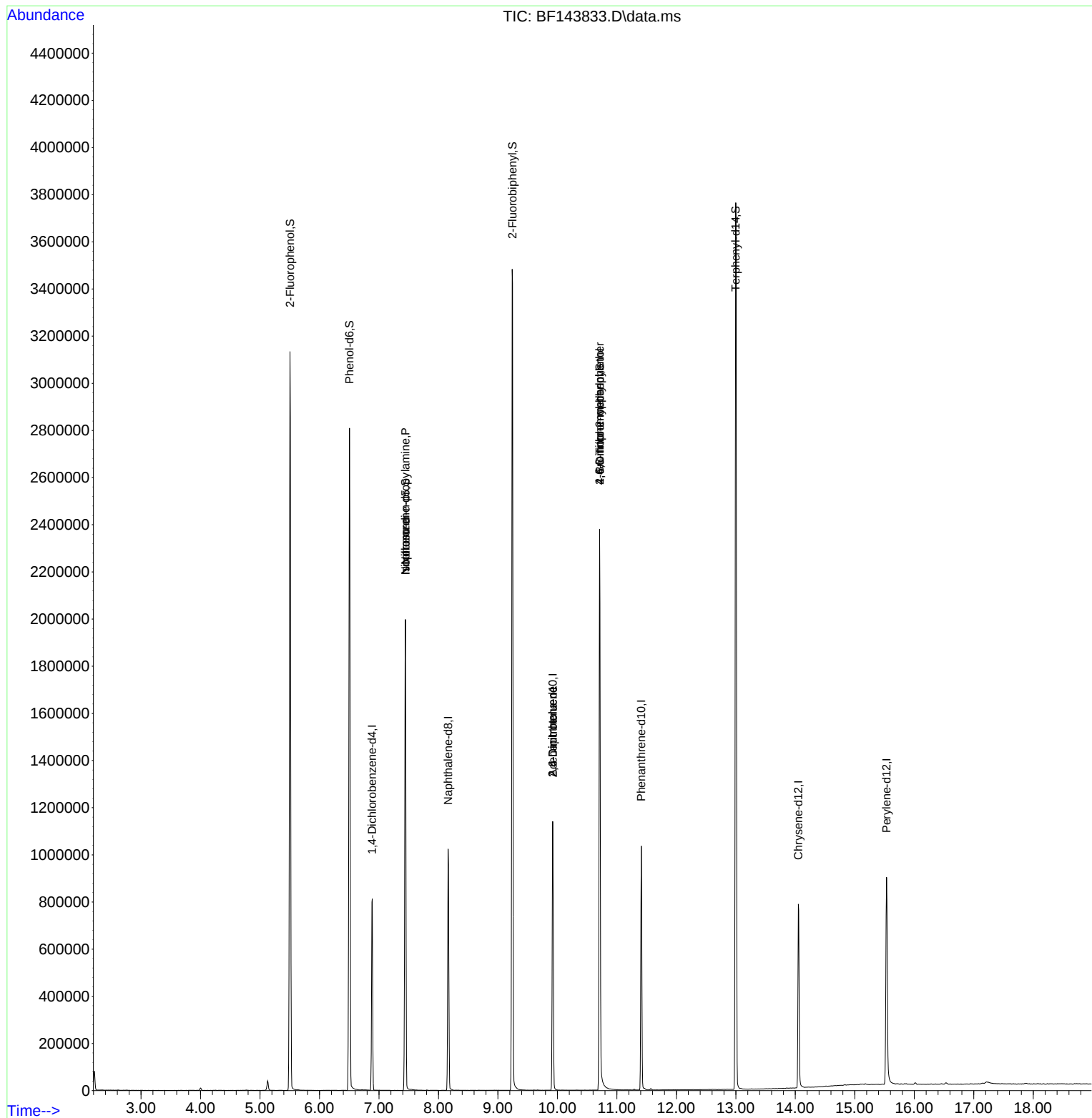
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	170876	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	648255	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	342269	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	552976	20.000	ng	0.00
76) Chrysene-d12	14.051	240	479351	20.000	ng	-0.01
86) Perylene-d12	15.533	264	680290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1144441	108.814	ng	0.00
7) Phenol-d6	6.504	99	1354312	111.446	ng	0.00
23) Nitrobenzene-d5	7.445	82	869480	82.101	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	577676	113.989	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1738189	79.249	ng	0.00
79) Terphenyl-d14	12.998	244	2229752	94.602	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	123142	15.758	ng	# 69
25) Isophorone	7.445	82	858381	41.594	ng	# 66
51) 2,6-Dinitrotoluene	9.922	165	44735	13.052	ng	# 17
57) 2,4-Dinitrotoluene	9.922	165	44727	11.177	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	585	4.490	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	36421	3.865	ng	# 1

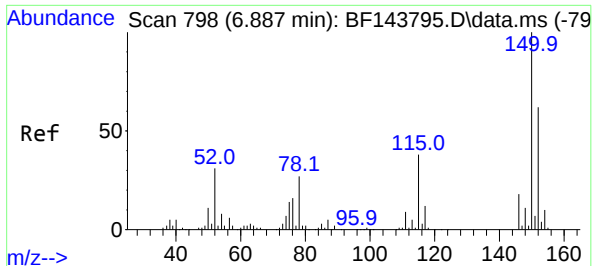
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
Data File : BF143833.D
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Misc :
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PB169880TB

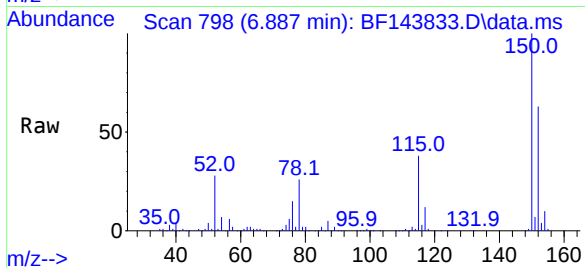
Quant Time: Sep 30 15:28:08 2025
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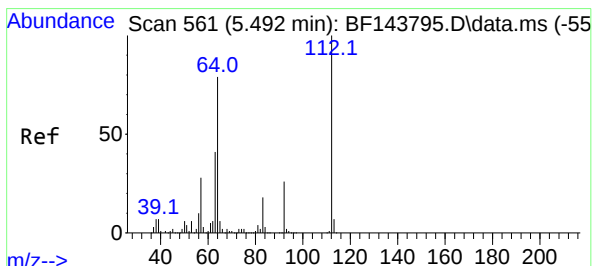
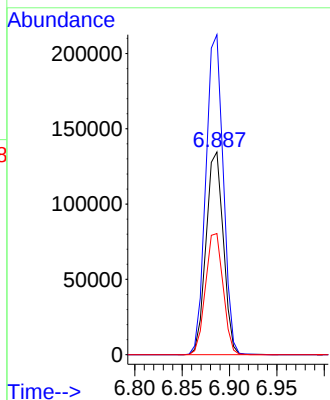
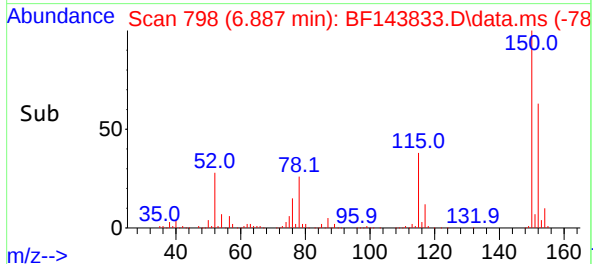


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

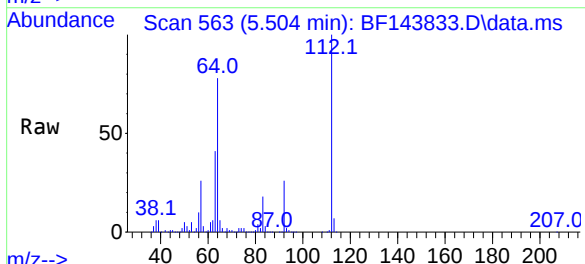
Instrument :
BNA_F
ClientSampleId :
PB169880TB



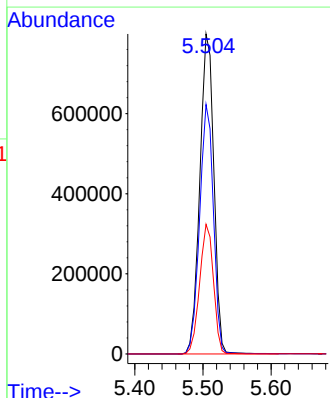
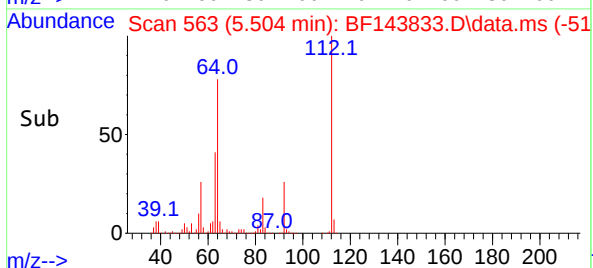
Tgt Ion:152 Resp: 170876
Ion Ratio Lower Upper
152 100
150 157.8 129.6 194.4
115 59.7 49.0 73.4

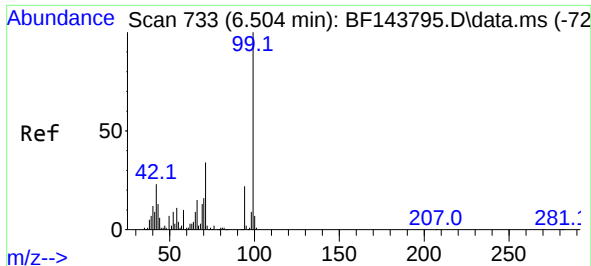


#5
2-Fluorophenol
Concen: 108.814 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04



Tgt Ion:112 Resp: 1144441
Ion Ratio Lower Upper
112 100
64 77.9 63.0 94.4
63 40.5 32.6 49.0

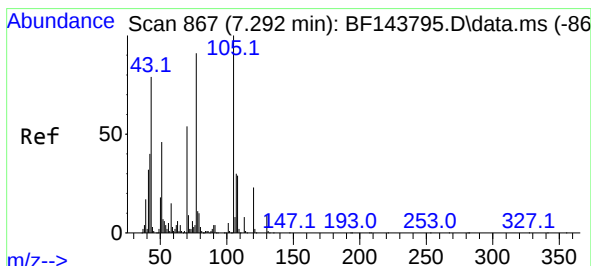
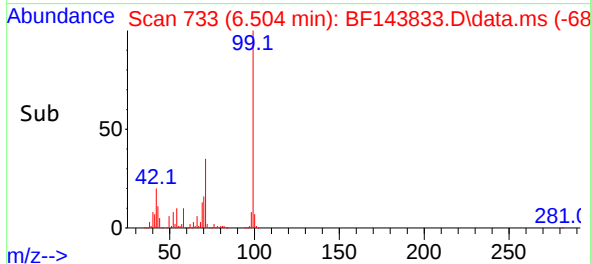
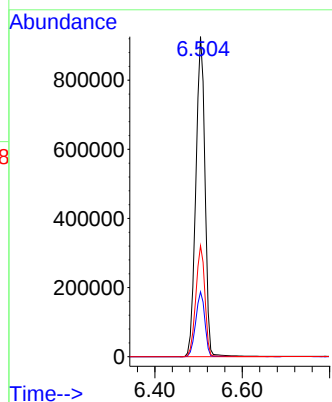
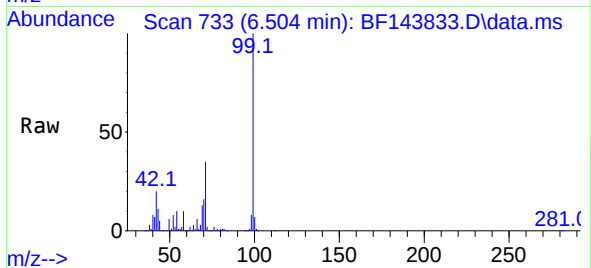




#7
Phenol-d6
Concen: 111.446 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

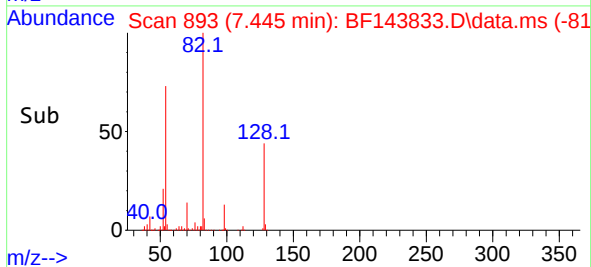
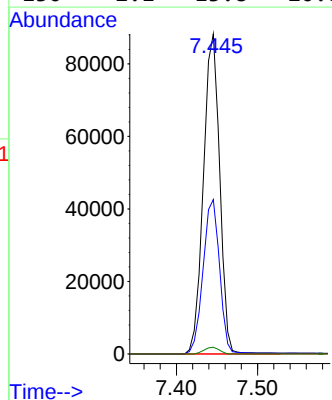
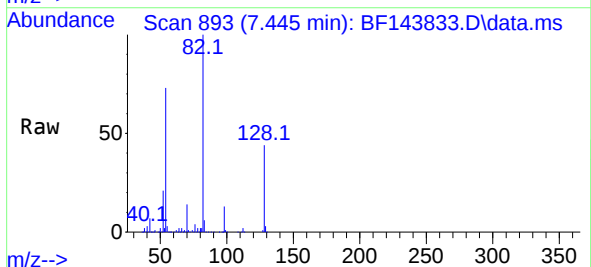
Instrument :
BNA_F
ClientSampleId :
PB169880TB

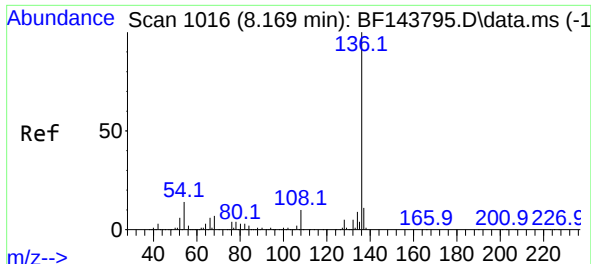
Tgt Ion: 99 Resp: 1354312
Ion Ratio Lower Upper
99 100
42 20.3 18.6 28.0
71 34.6 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.758 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

Tgt Ion: 70 Resp: 123142
Ion Ratio Lower Upper
70 100
42 48.2 59.4 89.0#
101 0.0 7.1 10.7#
130 2.1 13.8 20.8#

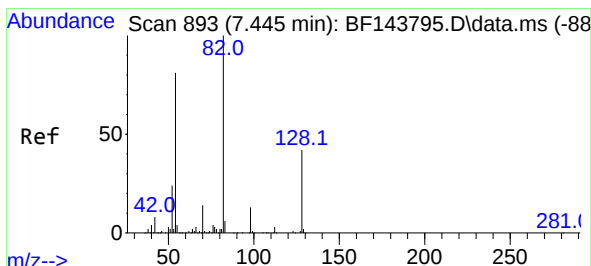
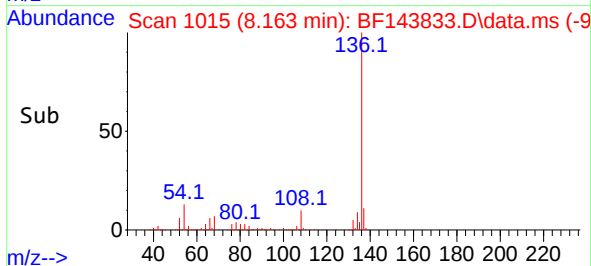
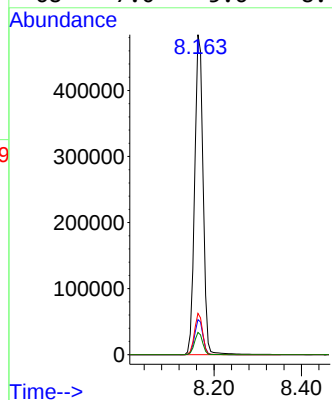
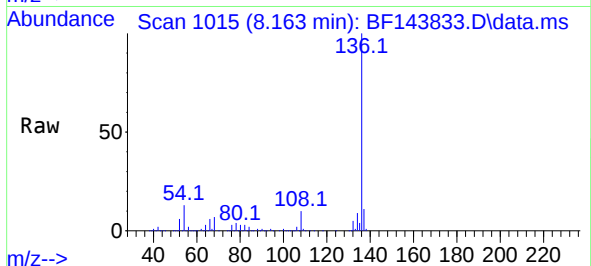




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

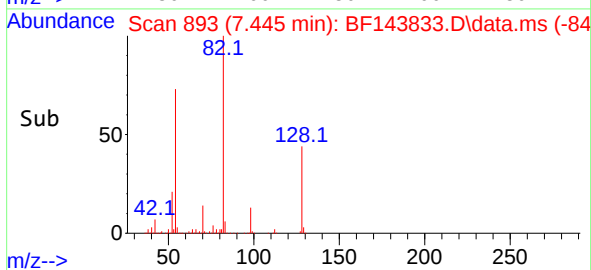
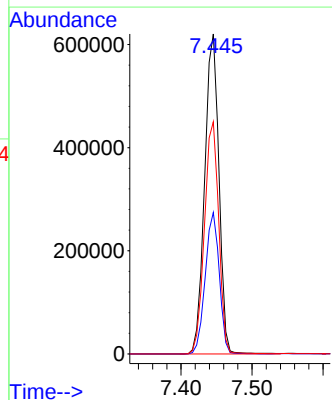
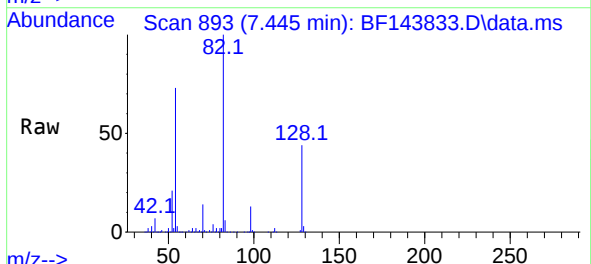
Instrument :
BNA_F
ClientSampleId :
PB169880TB

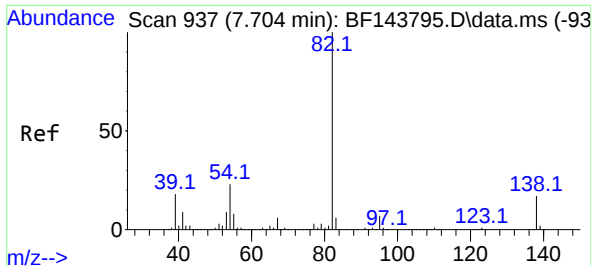
Tgt Ion:136 Resp: 648255
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 12.9 11.2 16.8
68 7.0 5.6 8.4



#23
Nitrobenzene-d5
Concen: 82.101 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

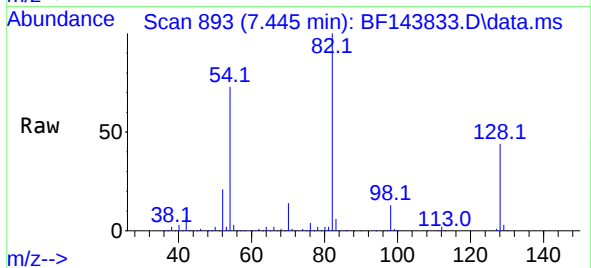
Tgt Ion: 82 Resp: 869480
Ion Ratio Lower Upper
82 100
128 44.2 33.3 49.9
54 72.6 64.2 96.4



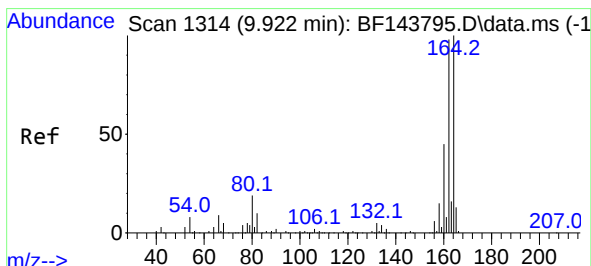
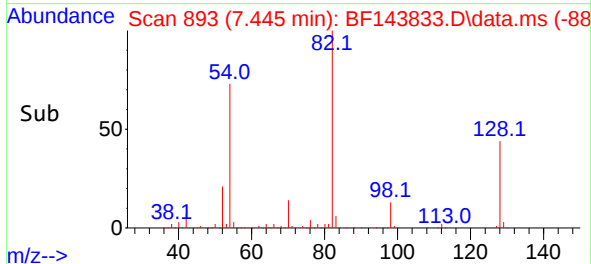
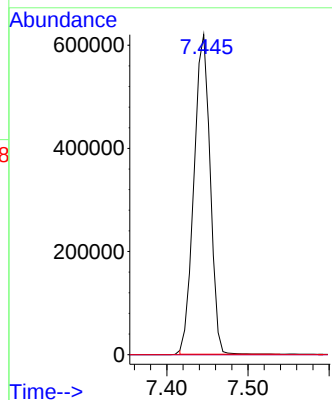


#25
Isophorone
Concen: 41.594 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.265 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

Instrument :
BNA_F
ClientSampleId :
PB169880TB

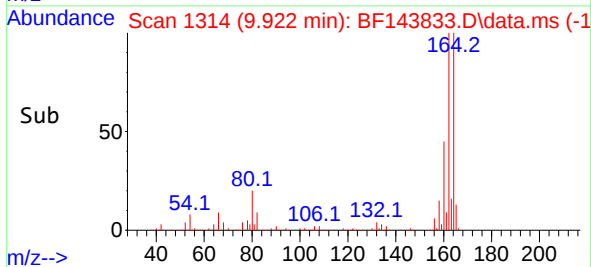
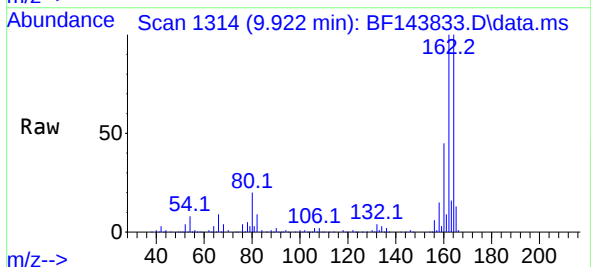
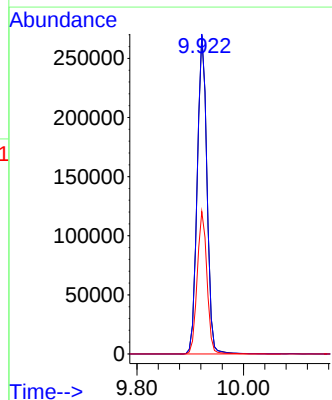


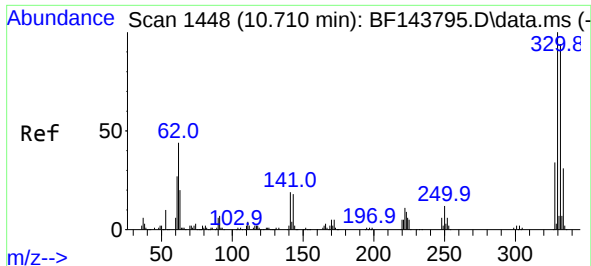
Tgt Ion: 82 Resp: 858381
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

Tgt Ion:164 Resp: 342269
Ion Ratio Lower Upper
164 100
162 100.5 78.8 118.2
160 44.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 113.989 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143833.D

Acq: 30 Sep 2025 15:04

Instrument :

BNA_F

ClientSampleId :

PB169880TB

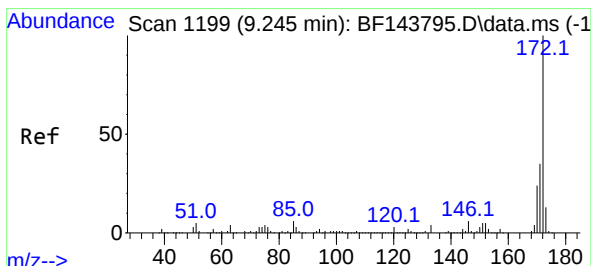
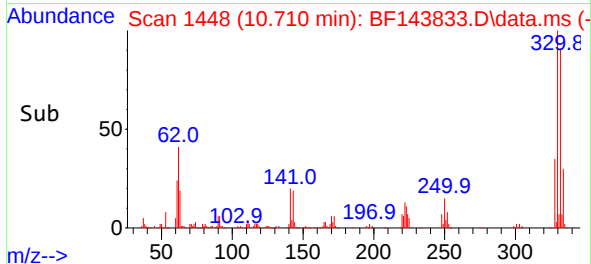
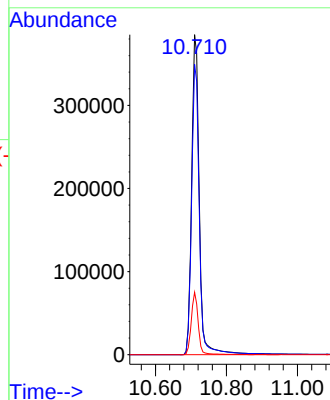
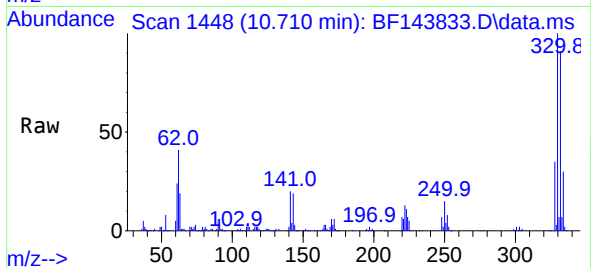
Tgt Ion:330 Resp: 577676

Ion Ratio Lower Upper

330 100

332 92.1 74.7 112.1

141 17.8 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 79.249 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143833.D

Acq: 30 Sep 2025 15:04

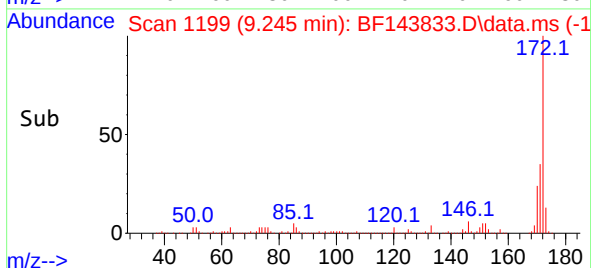
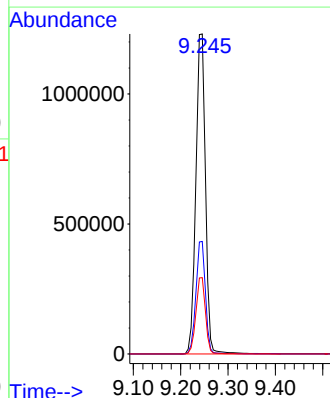
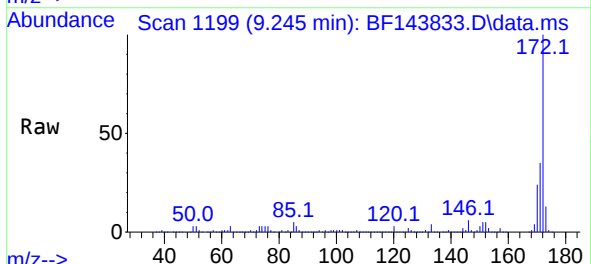
Tgt Ion:172 Resp: 1738189

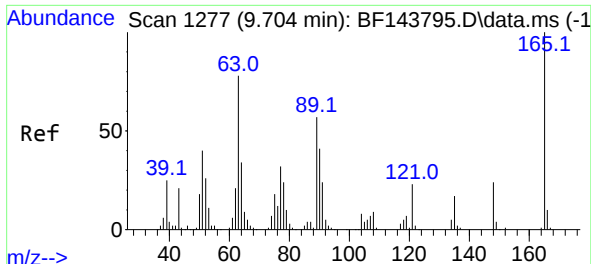
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 13.052 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.218 min

Lab File: BF143833.D

Acq: 30 Sep 2025 15:04

Instrument :

BNA_F

ClientSampleId :

PB169880TB

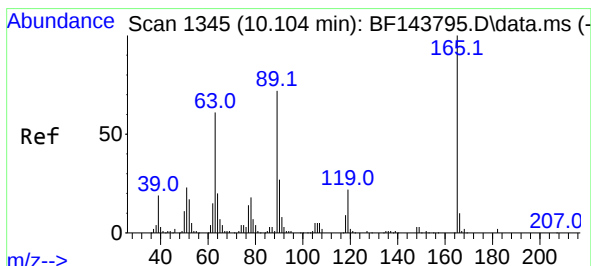
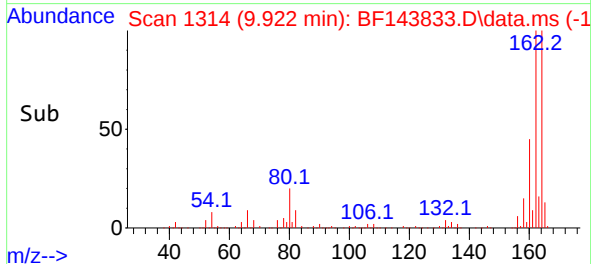
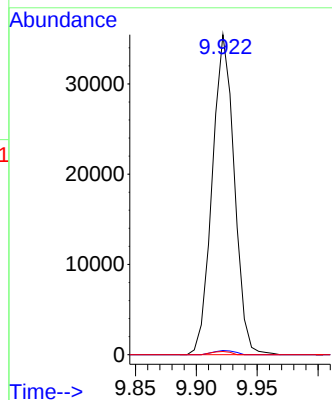
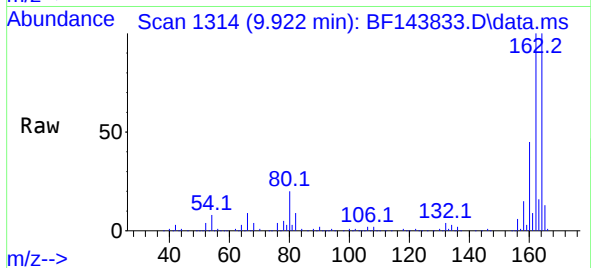
Tgt Ion:165 Resp: 44735

Ion Ratio Lower Upper

165 100

63 1.3 62.6 94.0#

89 1.0 45.2 67.8#



#57

2,4-Dinitrotoluene

Concen: 11.177 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.188 min

Lab File: BF143833.D

Acq: 30 Sep 2025 15:04

Tgt Ion:165 Resp: 44727

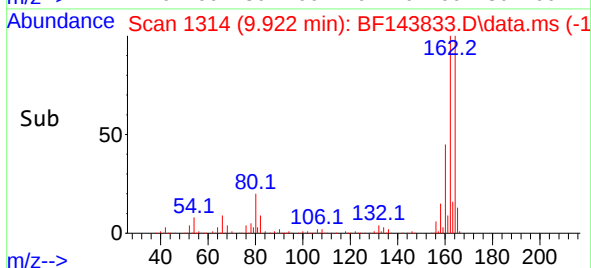
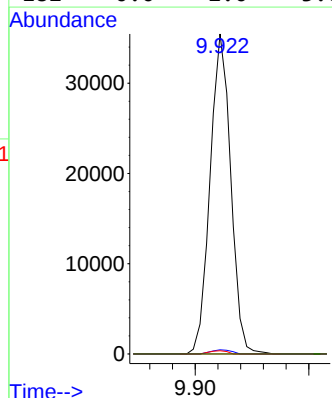
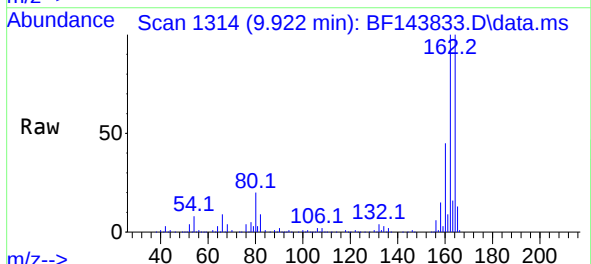
Ion Ratio Lower Upper

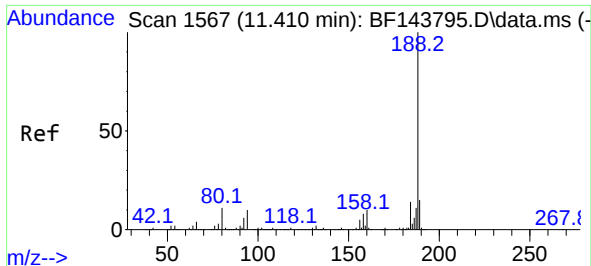
165 100

63 1.3 48.9 73.3#

89 1.0 57.5 86.3#

182 0.0 2.0 3.0#

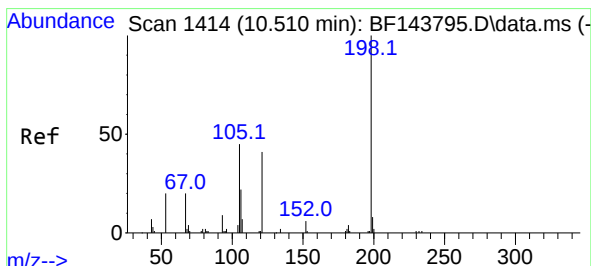
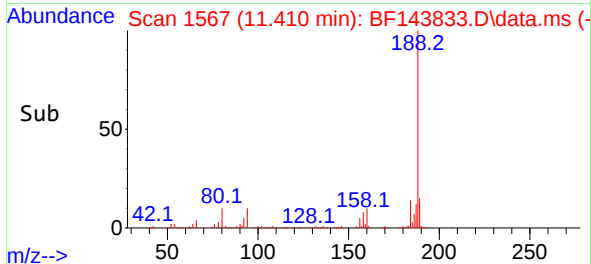
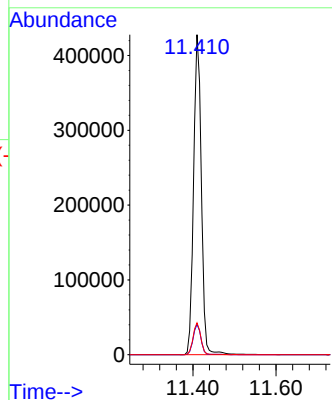
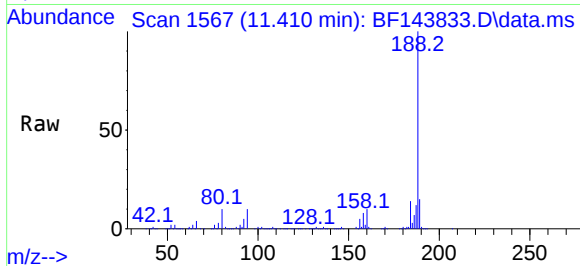




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

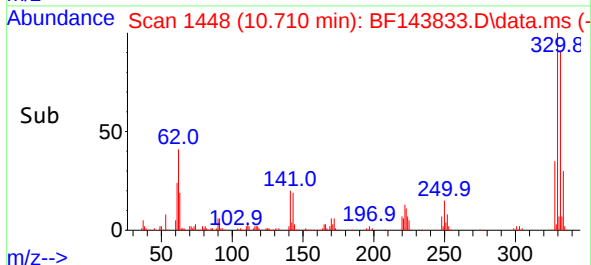
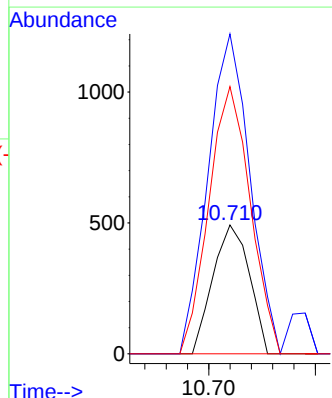
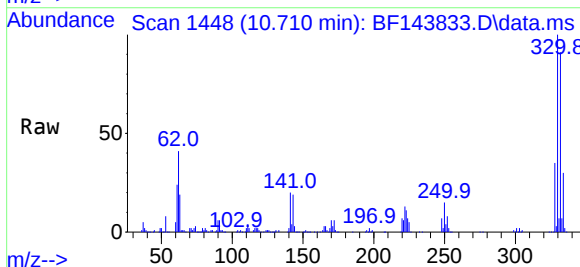
Instrument :
BNA_F
ClientSampleId :
PB169880TB

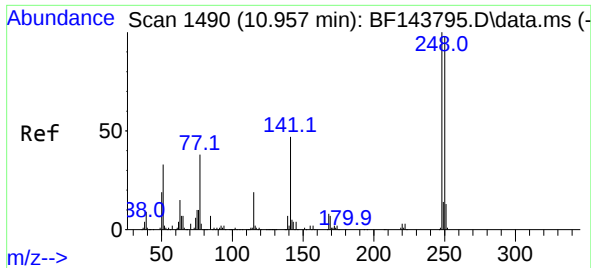
Tgt Ion:188 Resp: 552976
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 10.0 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.490 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.194 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

Tgt Ion:198 Resp: 585
Ion Ratio Lower Upper
198 100
51 248.4 52.0 92.0#
105 207.5 27.5 67.5#

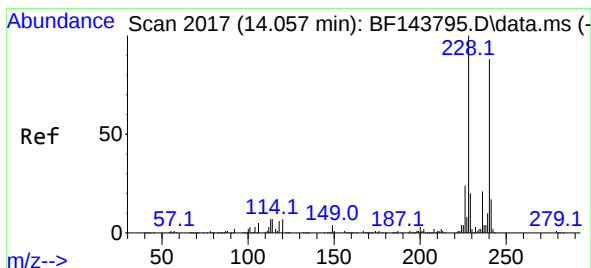
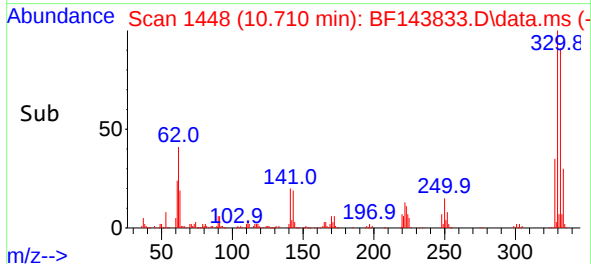
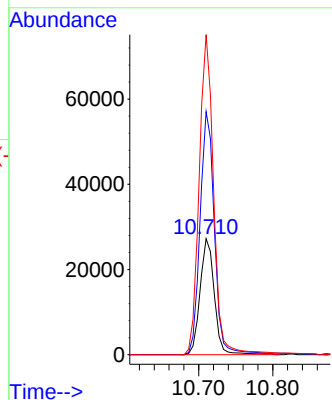
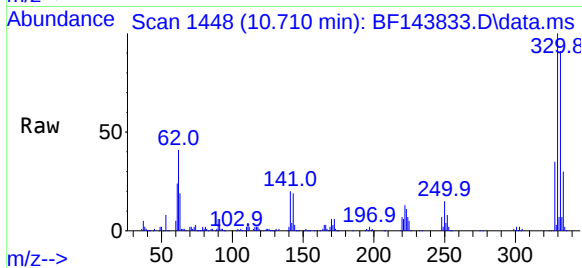




#67
4-Bromophenyl-phenylether
Concen: 3.865 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

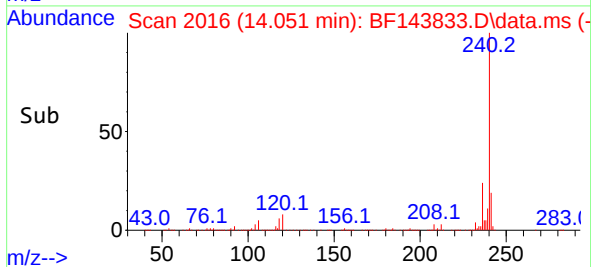
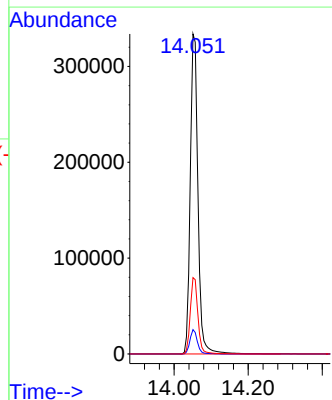
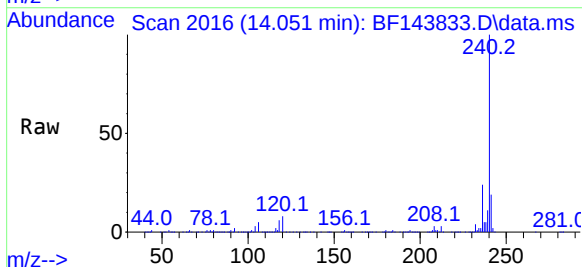
Instrument :
BNA_F
ClientSampleId :
PB169880TB

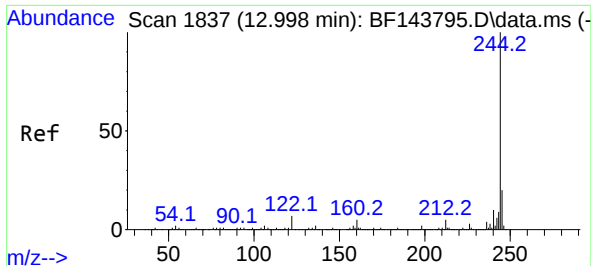
Tgt Ion:248 Resp: 36421
Ion Ratio Lower Upper
248 100
250 209.4 78.7 118.1#
141 275.8 37.9 56.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143833.D
Acq: 30 Sep 2025 15:04

Tgt Ion:240 Resp: 479351
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.4
236 23.9 19.4 29.2

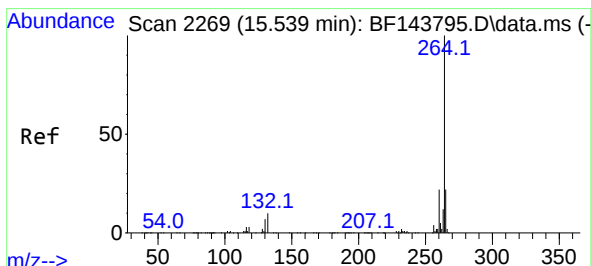
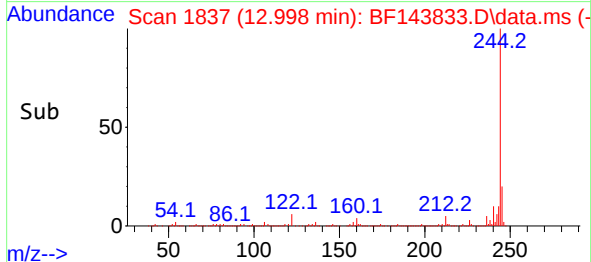
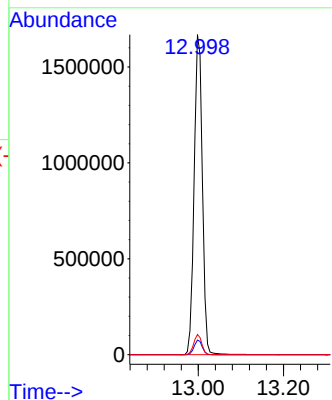
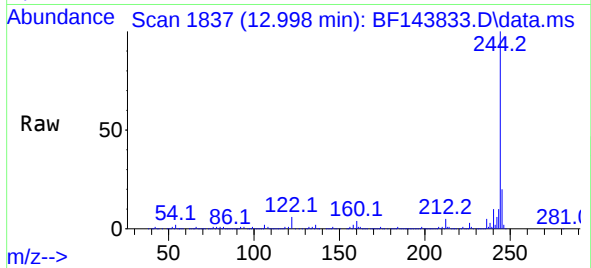




#79
 Terphenyl-d14
 Concen: 94.602 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143833.D
 Acq: 30 Sep 2025 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB169880TB

Tgt Ion:244 Resp: 2229752
 Ion Ratio Lower Upper
 244 100
 212 4.6 3.9 5.9
 122 6.3 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF143833.D
 Acq: 30 Sep 2025 15:04

Tgt Ion:264 Resp: 680290
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.9 26.9
 265 22.7 17.7 26.5

