

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143870.D
 Acq On : 02 Oct 2025 22:32
 Operator : RC/JU
 Sample : Q3262-05 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:30:41 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)

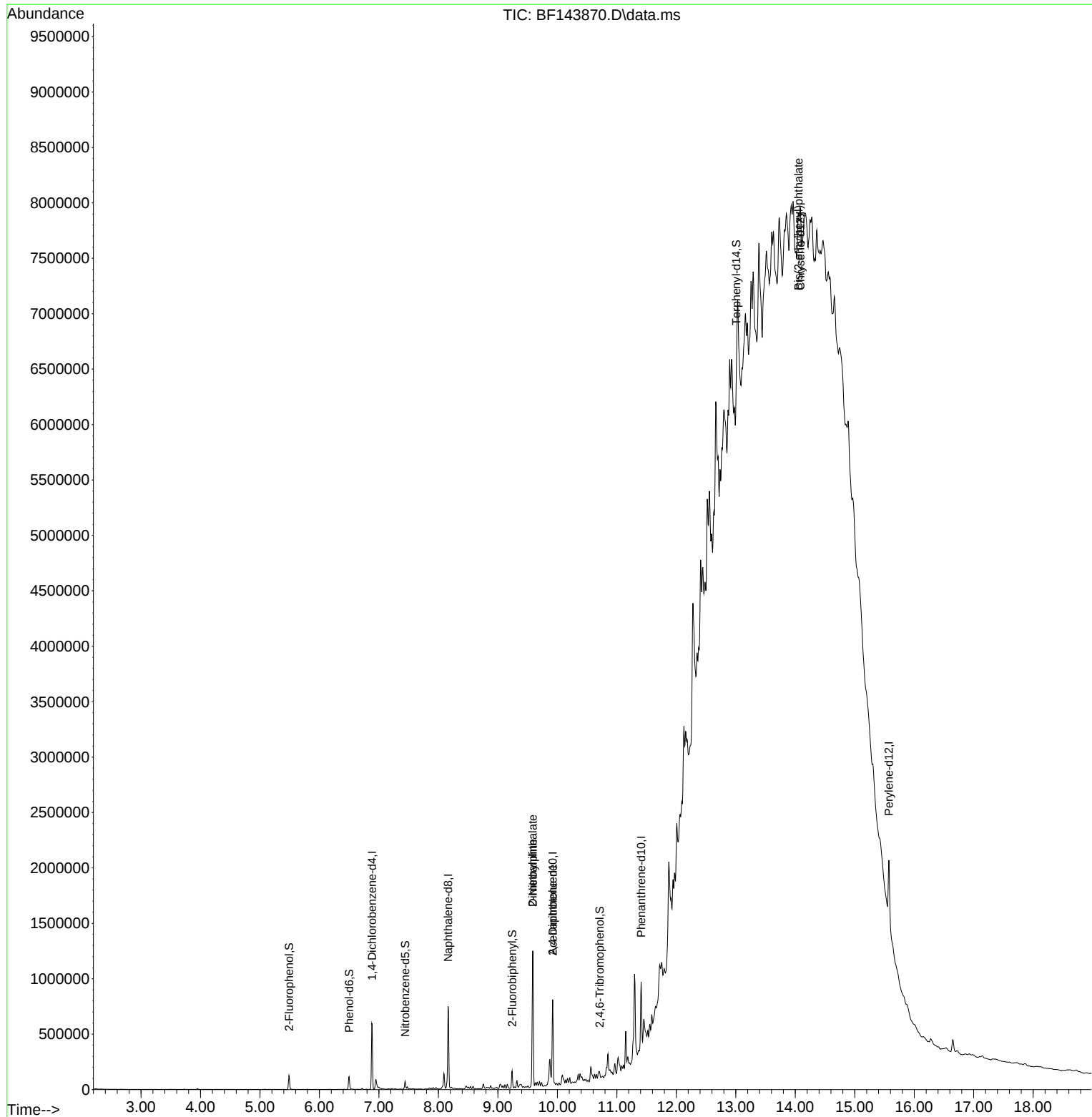
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	128829	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	451322	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	219824	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	325642	20.000	ng	0.00
76) Chrysene-d12	14.086	240	217694	20.000	ng	0.02
86) Perylene-d12	15.574	264	404410	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	48874	6.164	ng	-0.01
7) Phenol-d6	6.498	99	56559	6.173	ng	-0.01
23) Nitrobenzene-d5	7.440	82	29986	4.067	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	11331	3.481	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	71311	5.062	ng	0.00
79) Terphenyl-d14	13.010	244	61192	5.717	ng	0.00
Target Compounds						Qvalue
48) 2-Nitroaniline	9.586	65	12724	3.287	ng	# 34
50) Dimethylphthalate	9.586	163	64963	4.849	ng	# 93
54) 2,4-Dinitrophenol	9.875	184	199	Below Cal		# 3
57) 2,4-Dinitrotoluene	9.922	165	29058	11.272	ng	# 19
84) Bis(2-ethylhexyl)phtha...	14.057	149	40262	7.418	ng	# 36

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

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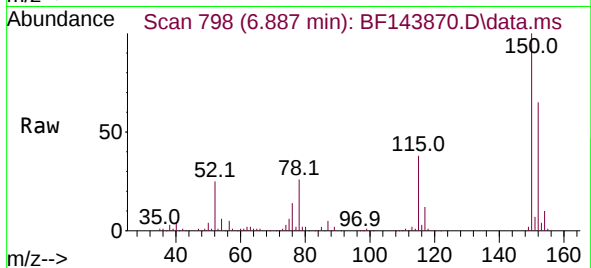
Quant Time: Oct 03 01:30:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
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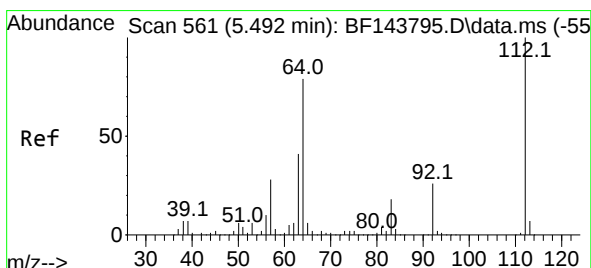
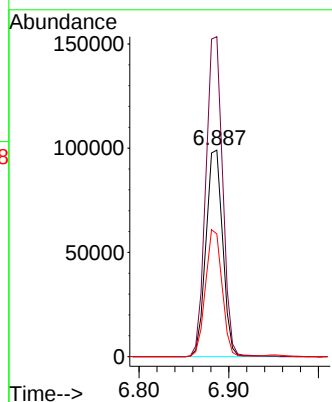
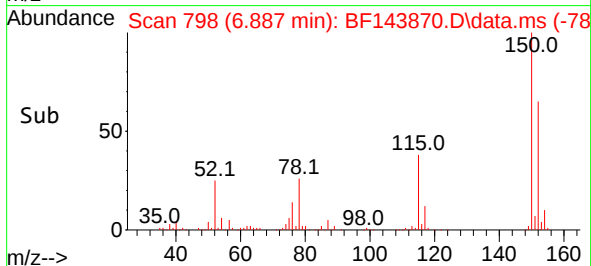


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143870.D
Acq: 02 Oct 2025 22:32

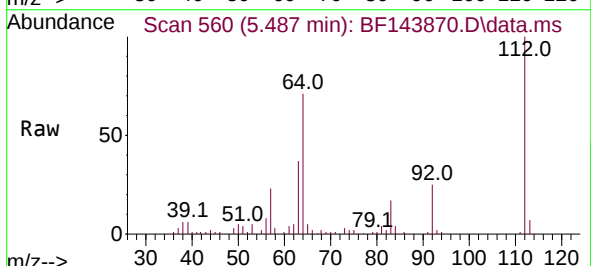
Instrument :
BNA_F
ClientSampleId :



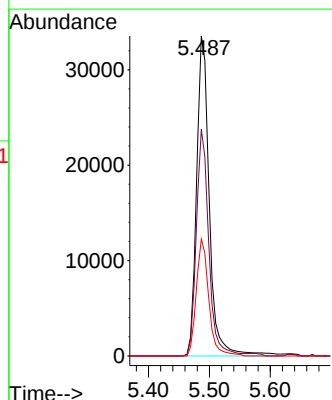
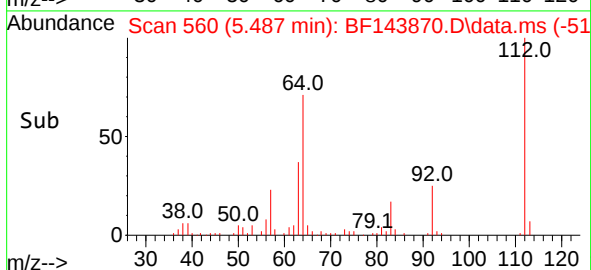
Tgt Ion:152 Resp: 128829
Ion Ratio Lower Upper
152 100
150 154.9 129.6 194.4
115 59.4 49.0 73.4



#5
2-Fluorophenol
Concen: 6.164 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.011 min
Lab File: BF143870.D
Acq: 02 Oct 2025 22:32



Tgt Ion:112 Resp: 48874
Ion Ratio Lower Upper
112 100
64 70.8 63.0 94.4
63 36.5 32.6 49.0

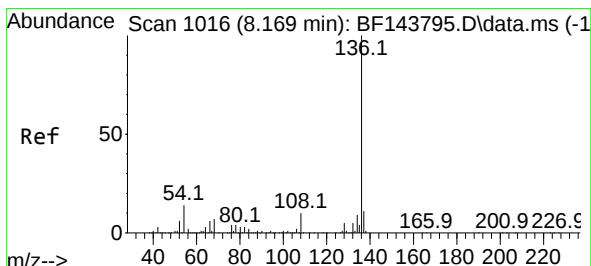
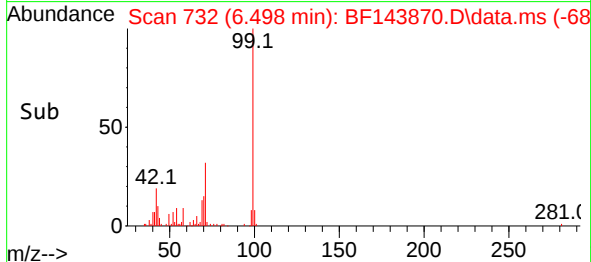
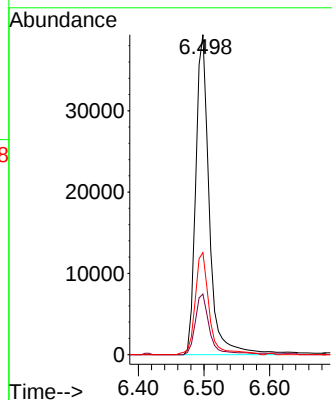
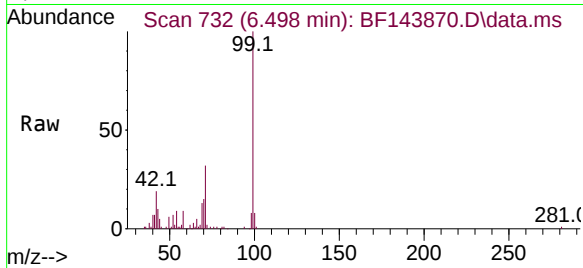




#7
Phenol-d6
Concen: 6.173 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143870.D
Acq: 02 Oct 2025 22:32

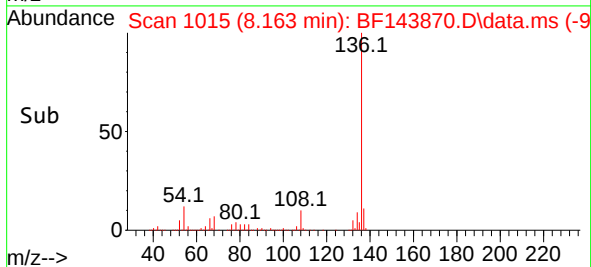
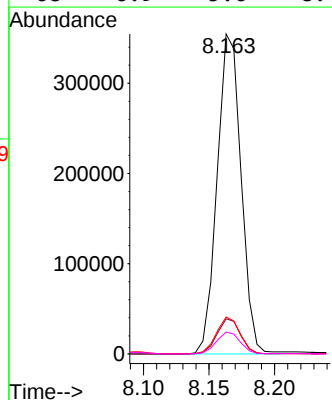
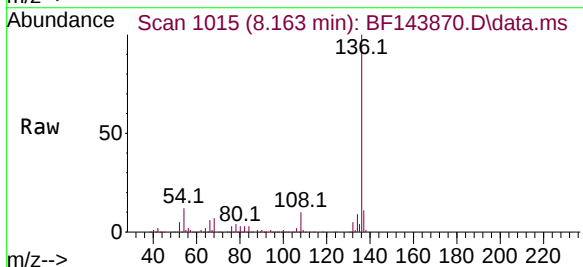
Instrument :
BNA_F
ClientSampleId :

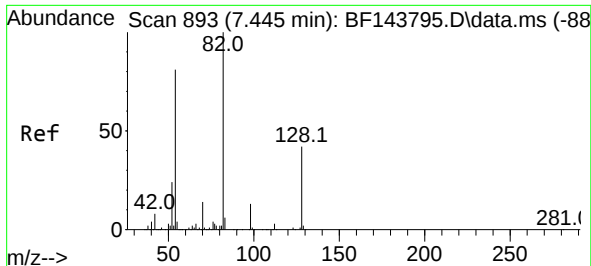
Tgt Ion: 99 Resp: 56559
Ion Ratio Lower Upper
99 100
42 18.9 18.6 28.0
71 31.9 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143870.D
Acq: 02 Oct 2025 22:32

Tgt Ion: 136 Resp: 451322
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 11.5 11.2 16.8
68 6.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 4.067 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.011 min

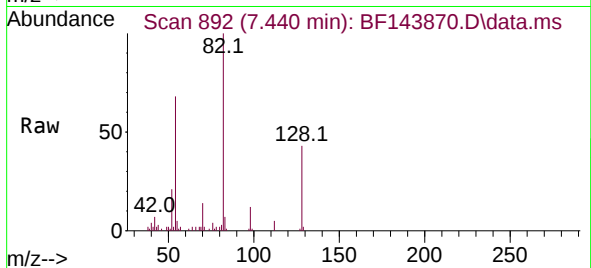
Lab File: BF143870.D

Acq: 02 Oct 2025 22:32

Instrument :

BNA_F

ClientSampleId :



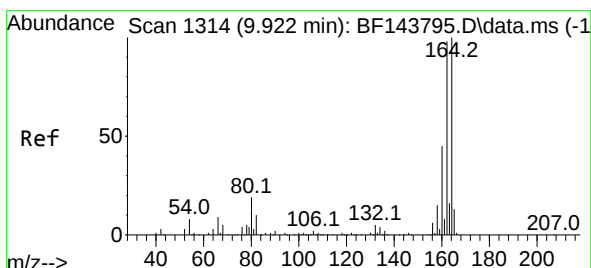
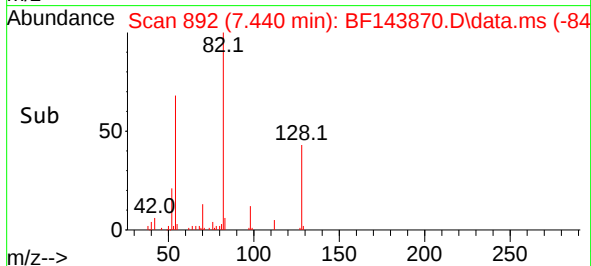
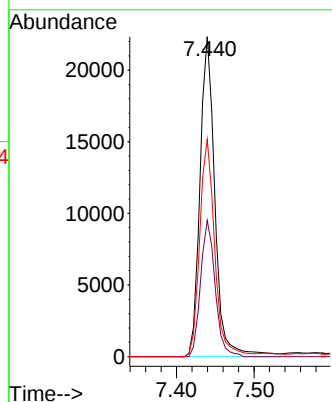
Tgt Ion: 82 Resp: 29986

Ion Ratio Lower Upper

82 100

128 42.6 33.3 49.9

54 67.9 64.2 96.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143870.D

Acq: 02 Oct 2025 22:32

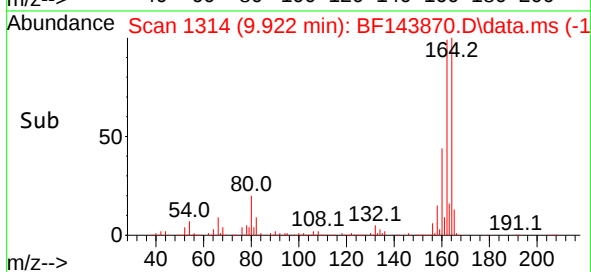
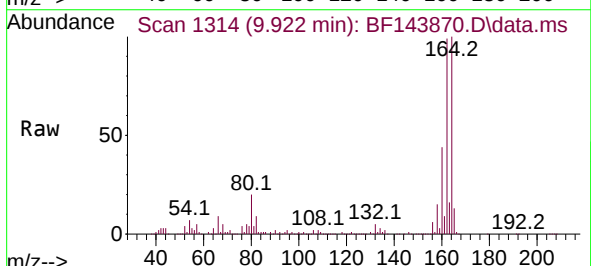
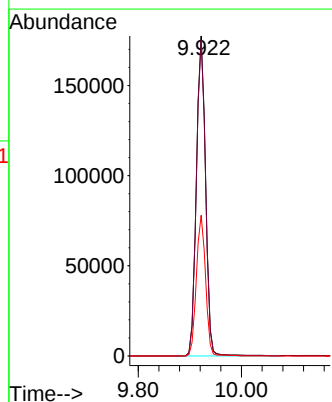
Tgt Ion: 164 Resp: 219824

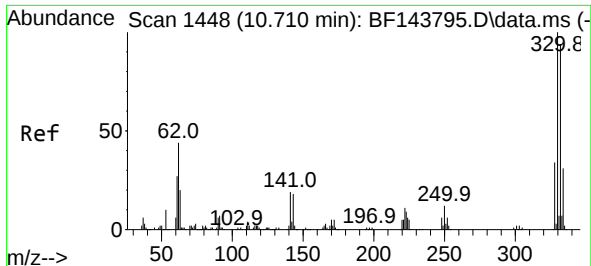
Ion Ratio Lower Upper

164 100

162 98.6 78.8 118.2

160 43.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 3.481 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

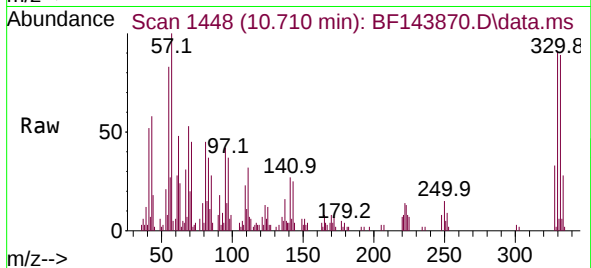
Lab File: BF143870.D

Acq: 02 Oct 2025 22:32

Instrument :

BNA_F

ClientSampleId :



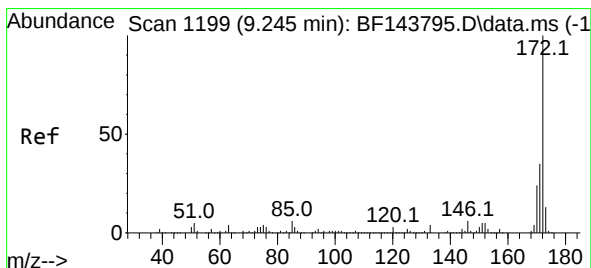
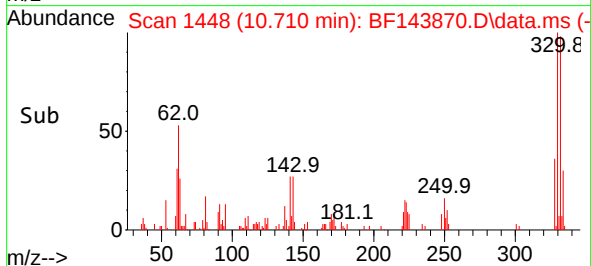
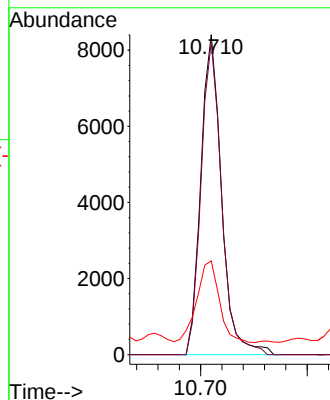
Tgt Ion:330 Resp: 11331

Ion Ratio Lower Upper

330 100

332 96.5 74.7 112.1

141 29.4 14.3 21.5#



#45

2-Fluorobiphenyl

Concen: 5.062 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143870.D

Acq: 02 Oct 2025 22:32

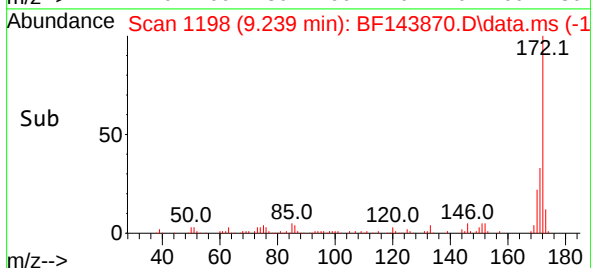
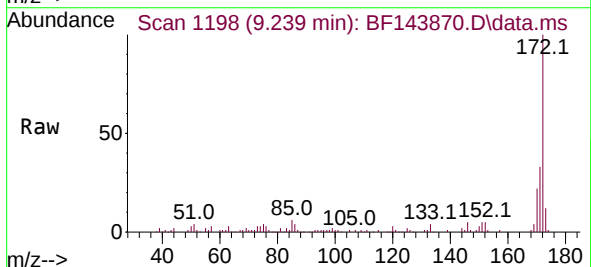
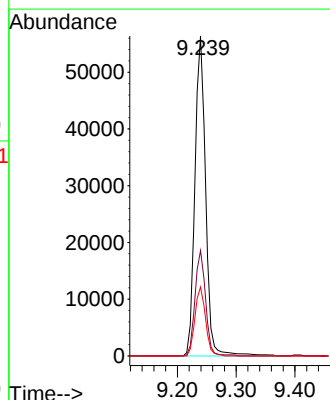
Tgt Ion:172 Resp: 71311

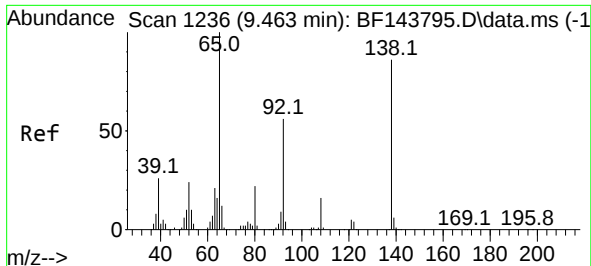
Ion Ratio Lower Upper

172 100

171 32.9 27.9 41.9

170 21.5 19.1 28.7

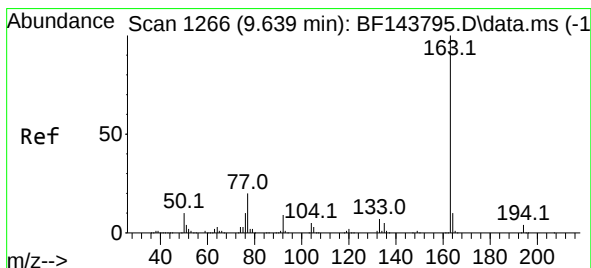
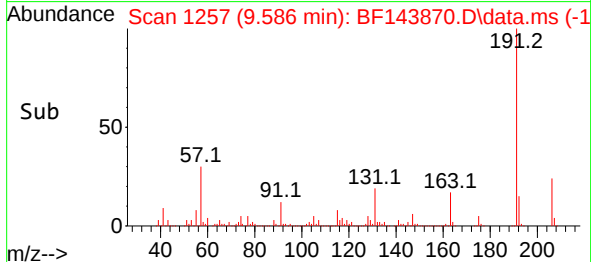
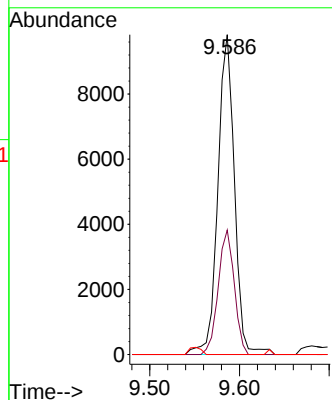
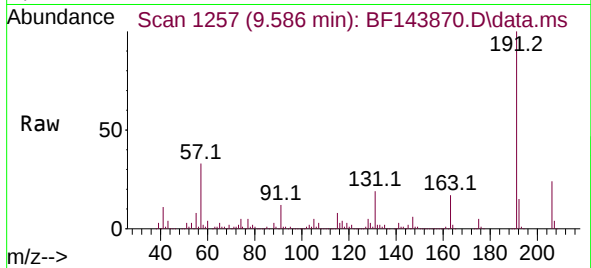




#48
2-Nitroaniline
Concen: 3.287 ng
RT: 9.586 min Scan# 1257
Delta R.T. 0.124 min
Lab File: BF143870.D
Acq: 02 Oct 2025 22:32

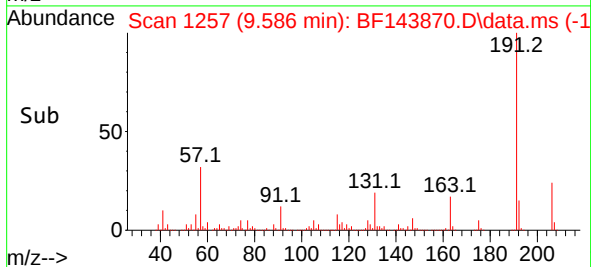
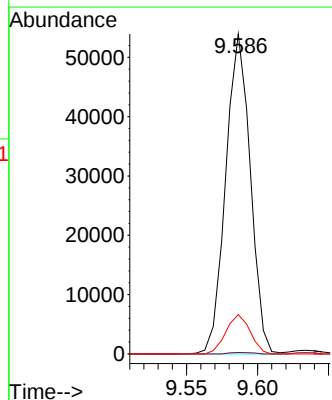
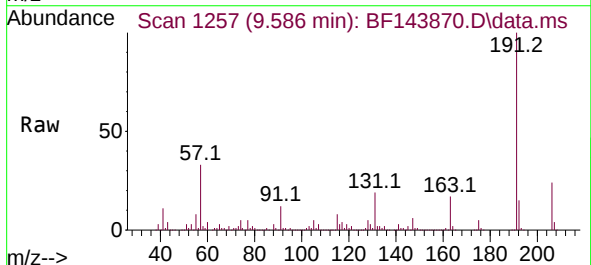
Instrument :
BNA_F
ClientSampleId :

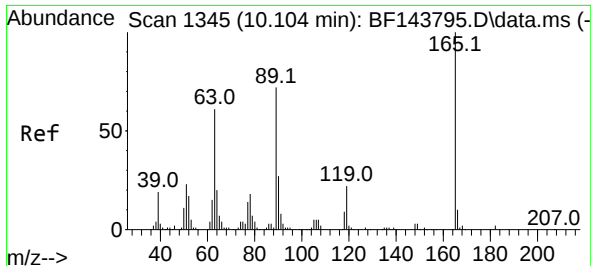
Tgt Ion: 65 Resp: 12724
Ion Ratio Lower Upper
65 100
92 38.9 44.9 67.3#
138 0.0 69.0 103.4#



#50
Dimethylphthalate
Concen: 4.849 ng
RT: 9.586 min Scan# 1257
Delta R.T. -0.053 min
Lab File: BF143870.D
Acq: 02 Oct 2025 22:32

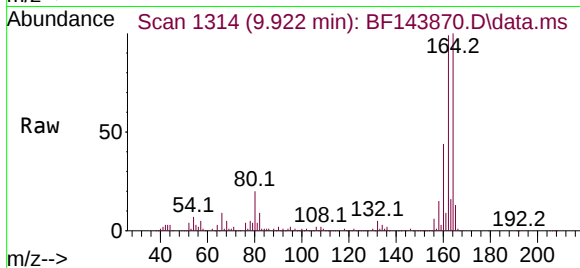
Tgt Ion:163 Resp: 64963
Ion Ratio Lower Upper
163 100
194 0.4 3.0 4.6#
164 12.3 8.2 12.2#



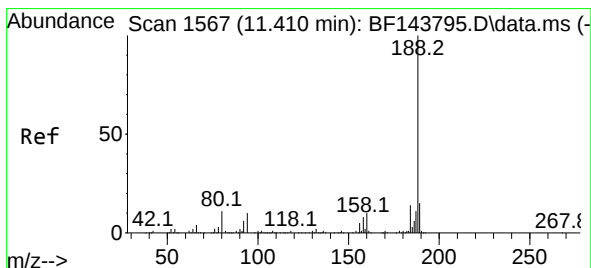
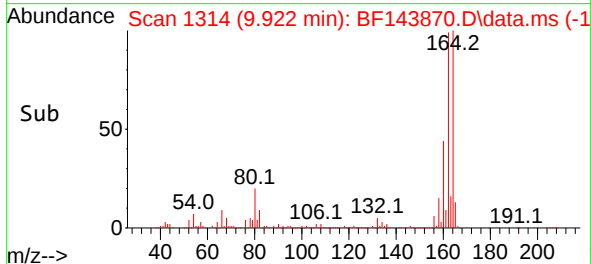
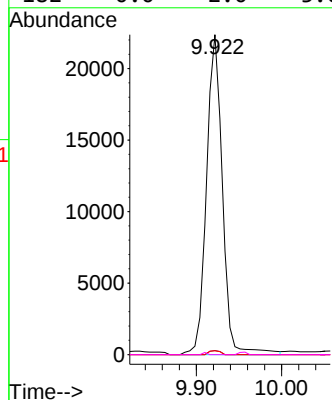


#57
2,4-Dinitrotoluene
Concen: 11.272 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.188 min
Lab File: BF143870.D
Acq: 02 Oct 2025 22:32

Instrument :
BNA_F
ClientSampleId :

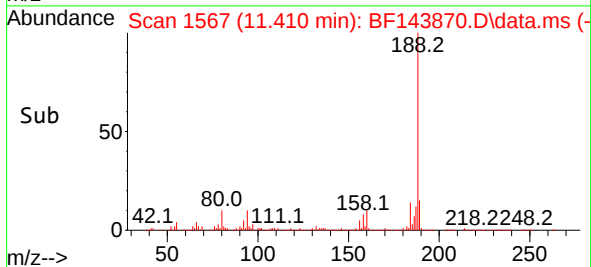
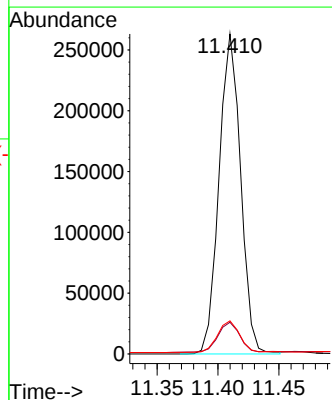
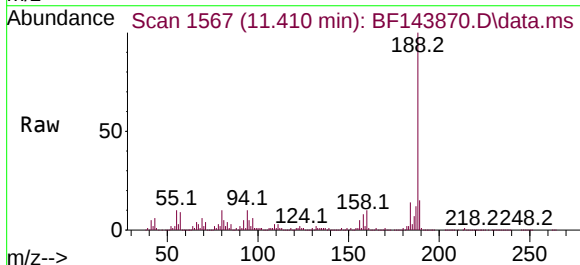


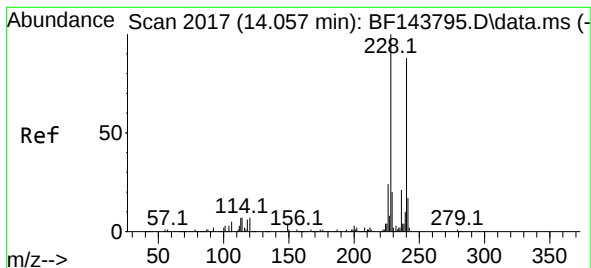
Tgt Ion:165 Resp: 29058
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.2 57.5 86.3#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143870.D
Acq: 02 Oct 2025 22:32

Tgt Ion:188 Resp: 325642
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.3 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2017

Delta R.T. 0.024 min

Lab File: BF143870.D

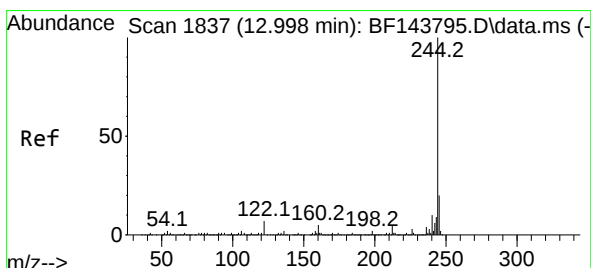
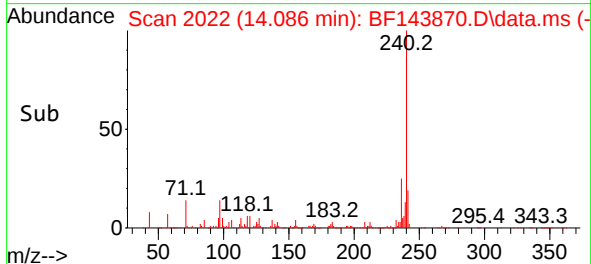
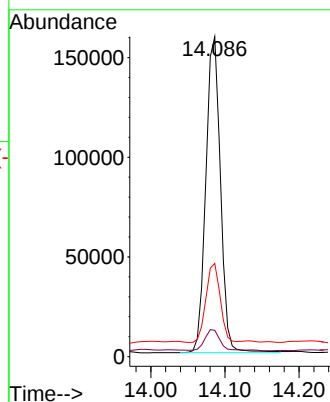
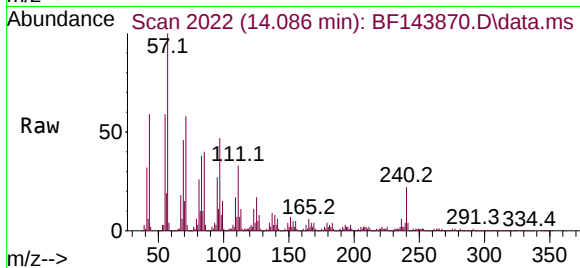
Acq: 02 Oct 2025 22:32

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	240	Resp:	217694
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.2	9.4
236	29.1	19.4	29.2



#79

Terphenyl-d14

Concen: 5.717 ng

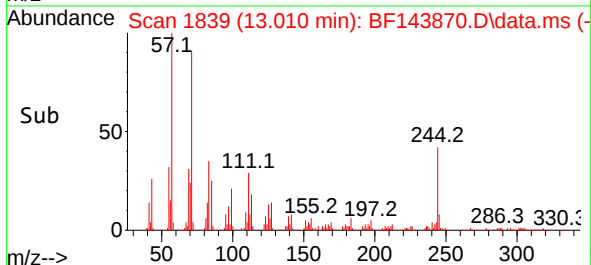
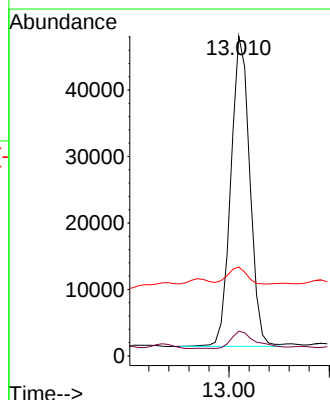
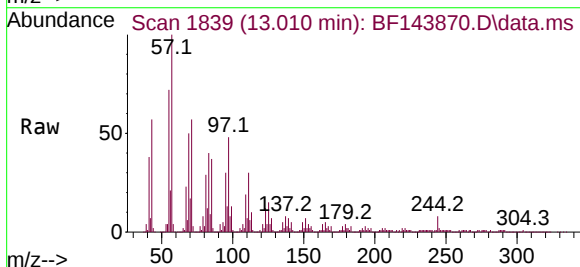
RT: 13.010 min Scan# 1839

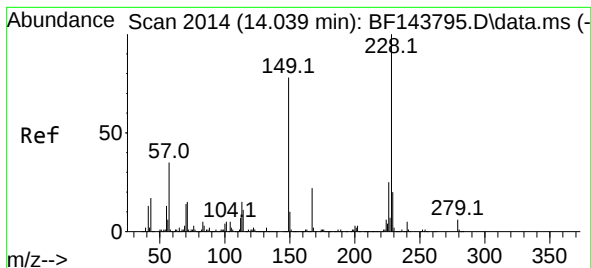
Delta R.T. 0.006 min

Lab File: BF143870.D

Acq: 02 Oct 2025 22:32

Tgt Ion:	244	Resp:	61192
Ion Ratio	Lower	Upper	
244	100		
212	7.7	3.9	5.9#
122	27.8	5.6	8.4#





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.418 ng

RT: 14.057 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF143870.D

Acq: 02 Oct 2025 22:32

Instrument :

BNA_F

ClientSampleId :

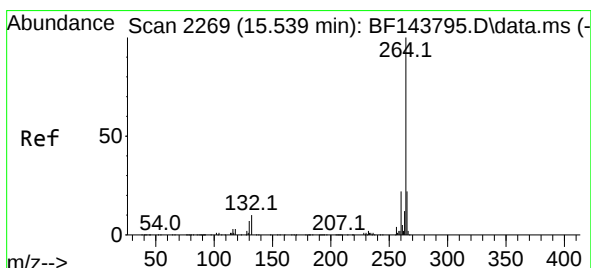
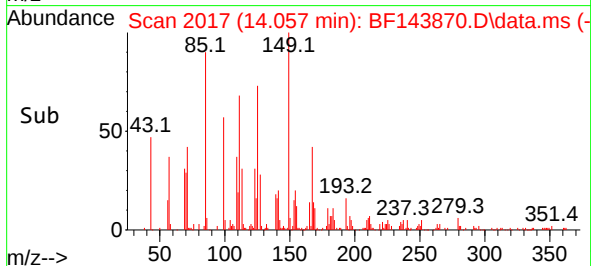
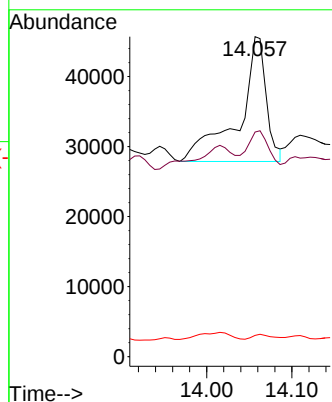
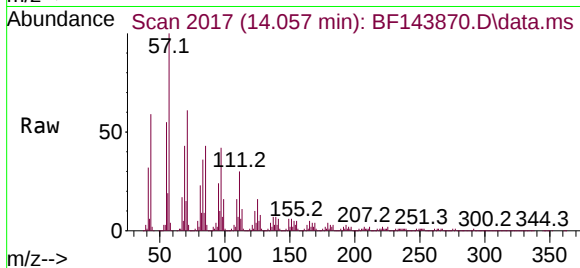
Tgt Ion:149 Resp: 40262

Ion Ratio Lower Upper

149 100

167 70.2 22.2 33.2#

279 6.6 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2275

Delta R.T. 0.035 min

Lab File: BF143870.D

Acq: 02 Oct 2025 22:32

Tgt Ion:264 Resp: 404410

Ion Ratio Lower Upper

264 100

260 24.4 17.9 26.9

265 21.9 17.7 26.5

