

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144136.D
 Acq On : 29 Oct 2025 19:01
 Operator : RC/JU
 Sample : Q3466-07 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B7-1.0-2.0-20251023

Quant Time: Oct 30 02:21:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

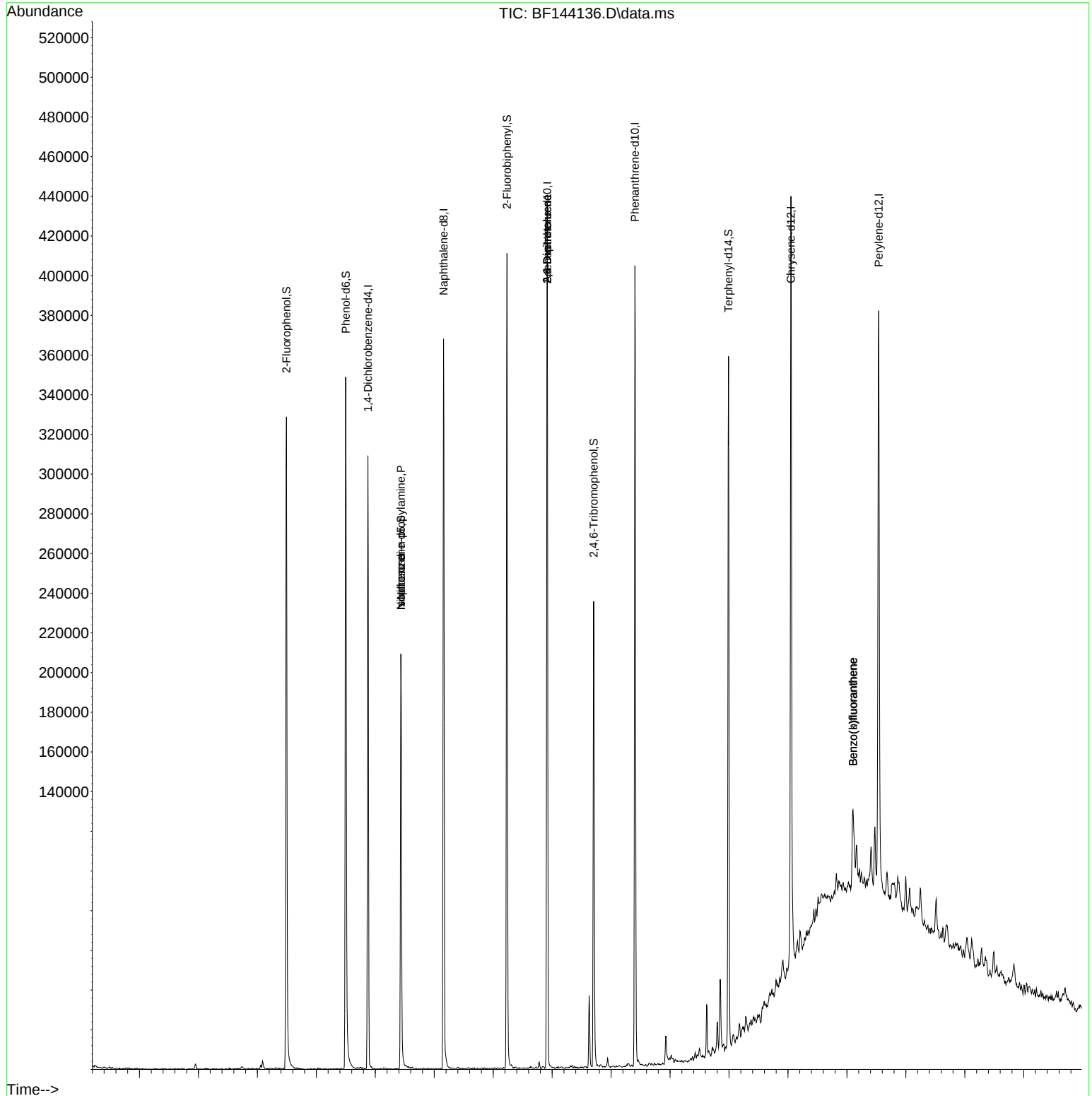
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	65089	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	241547	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	132577	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	225041	20.000	ng	0.00
76) Chrysene-d12	14.051	240	191916	20.000	ng	0.00
86) Perylene-d12	15.539	264	190782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	137406	33.399	ng	0.00
7) Phenol-d6	6.498	99	155673	34.262	ng	0.00
23) Nitrobenzene-d5	7.434	82	90388	20.502	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	48327	28.617	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	195633	20.765	ng	0.00
79) Terphenyl-d14	12.992	244	178701	16.278	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	14713	5.008	ng	# 69
25) Isophorone	7.434	82	90387	11.726	ng	# 66
51) 2,6-Dinitrotoluene	9.916	165	17665	10.283	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	17665	7.619	ng	# 25
88) Benzo(b)fluoranthene	15.104	252	34686	3.216	ng	# 85
89) Benzo(k)fluoranthene	15.104	252	34686	3.486	ng	# 86

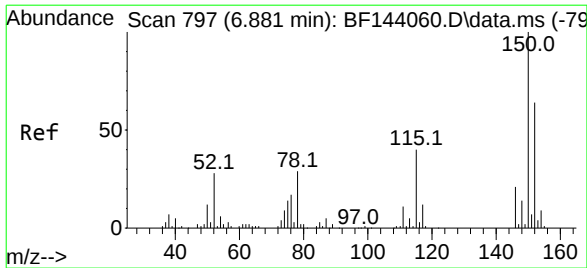
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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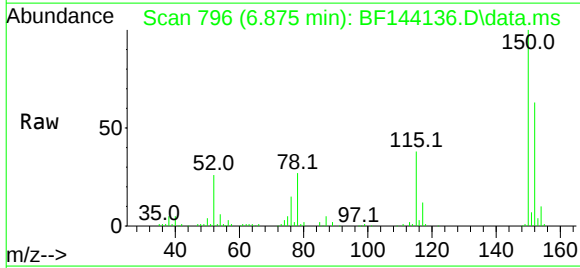
Quant Time: Oct 30 02:21:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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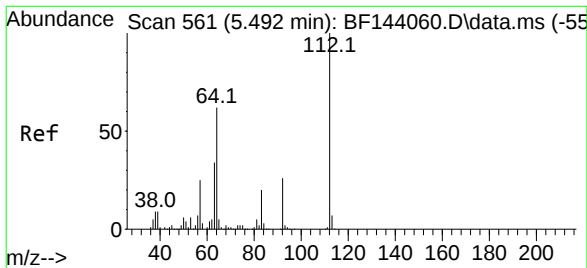
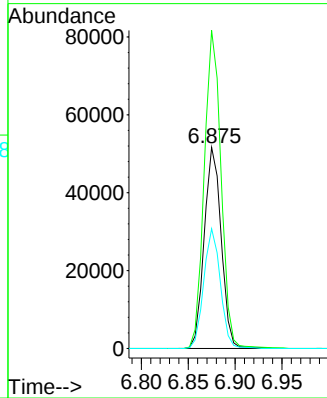
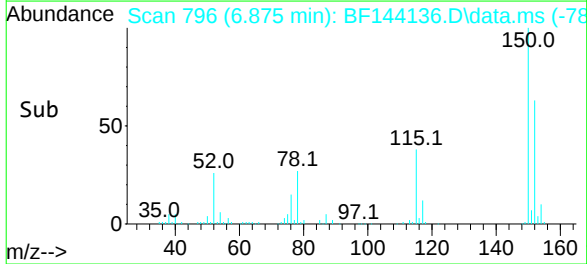


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144136.D
Acq: 29 Oct 2025 19:01

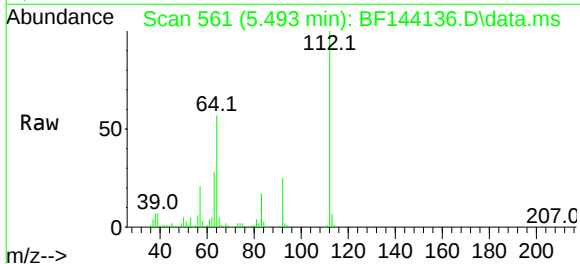
Instrument :
BNA_F
ClientSampleId :
B7-1.0-2.0-20251023



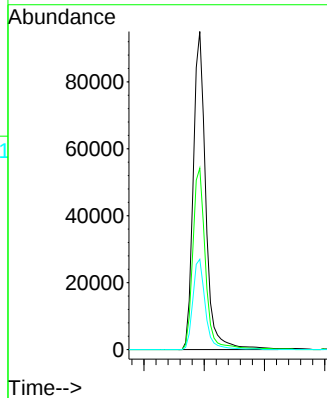
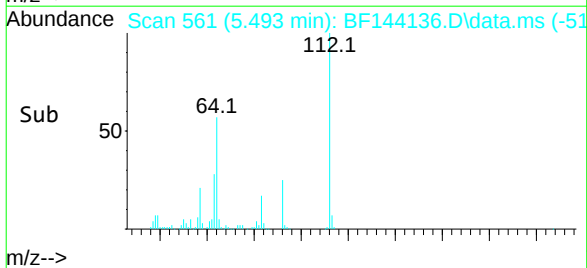
Tgt Ion:152 Resp: 65089
Ion Ratio Lower Upper
152 100
150 158.1 124.4 186.6
115 59.5 49.4 74.0

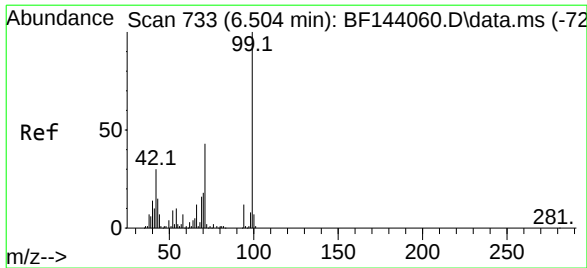


#5
2-Fluorophenol
Concen: 33.399 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144136.D
Acq: 29 Oct 2025 19:01



Tgt Ion:112 Resp: 137406
Ion Ratio Lower Upper
112 100
64 57.1 49.8 74.8
63 28.4 27.4 41.2

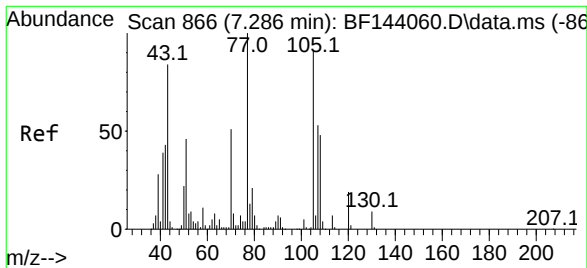
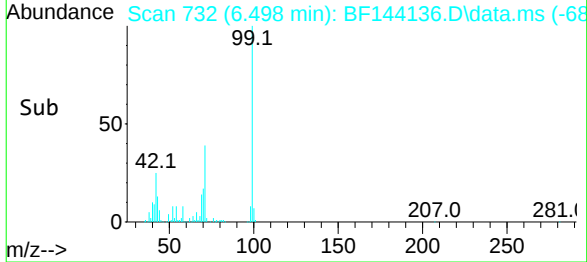
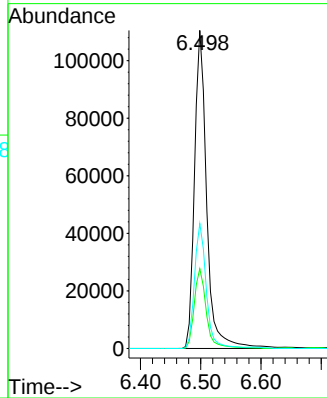
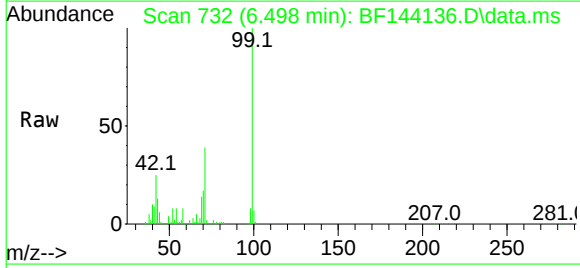




#7
Phenol-d6
Concen: 34.262 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144136.D
Acq: 29 Oct 2025 19:01

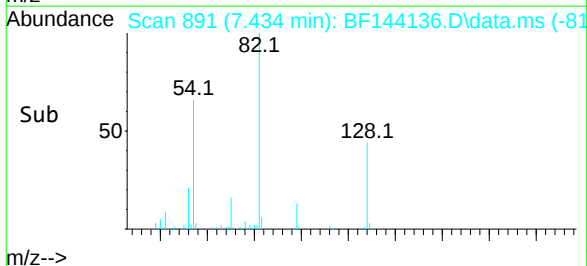
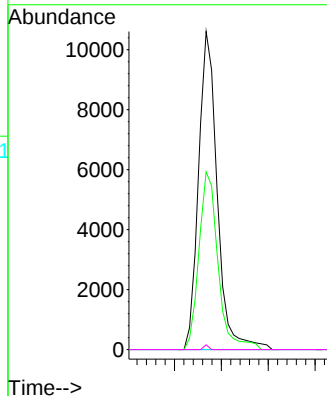
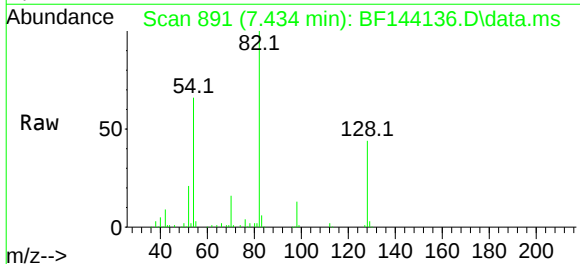
Instrument :
BNA_F
ClientSampleId :
B7-1.0-2.0-20251023

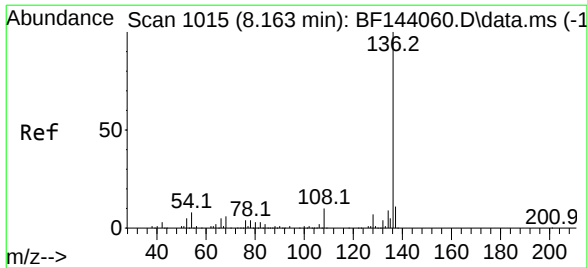
Tgt Ion: 99 Resp: 155673
Ion Ratio Lower Upper
99 100
42 25.1 23.9 35.9
71 39.3 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 5.008 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF144136.D
Acq: 29 Oct 2025 19:01

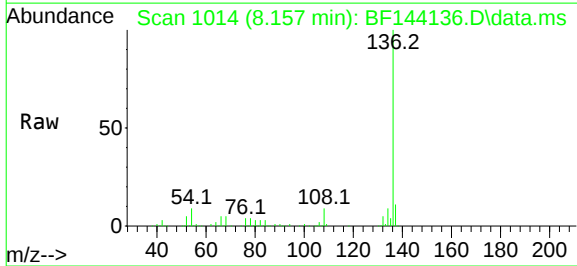
Tgt Ion: 70 Resp: 14713
Ion Ratio Lower Upper
70 100
42 55.9 67.4 101.0#
101 0.0 7.1 10.7#
130 1.5 13.5 20.3#



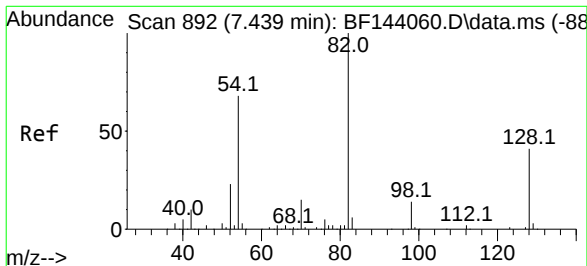
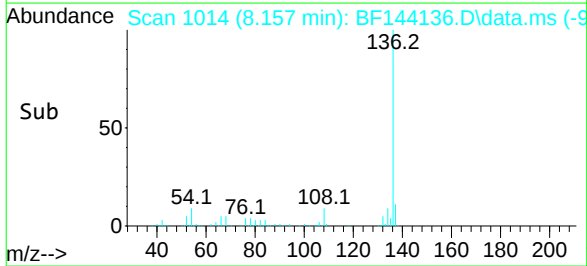
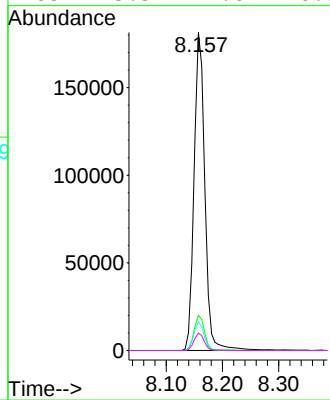


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144136.D
Acq: 29 Oct 2025 19:01

Instrument :
BNA_F
ClientSampleId :
B7-1.0-2.0-20251023

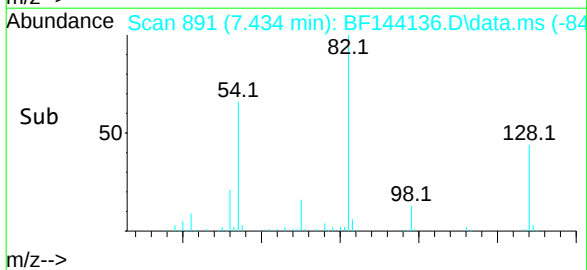
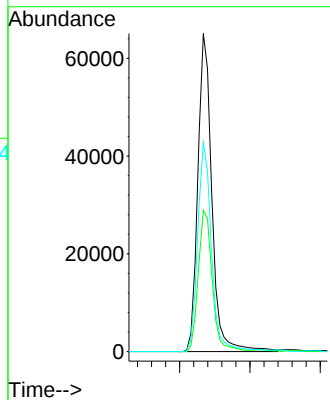
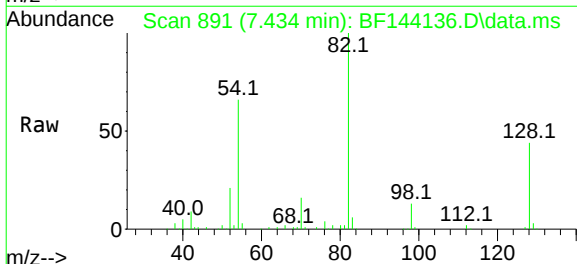


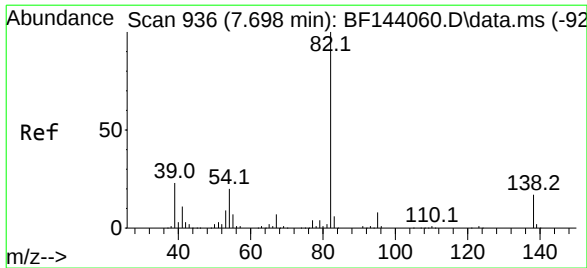
Tgt Ion: 136 Resp: 241547
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.0 6.6 9.8
68 5.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 20.502 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF144136.D
Acq: 29 Oct 2025 19:01

Tgt Ion: 82 Resp: 90388
Ion Ratio Lower Upper
82 100
128 44.4 32.4 48.6
54 65.6 54.0 81.0

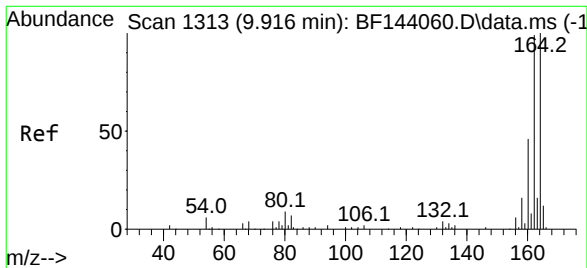
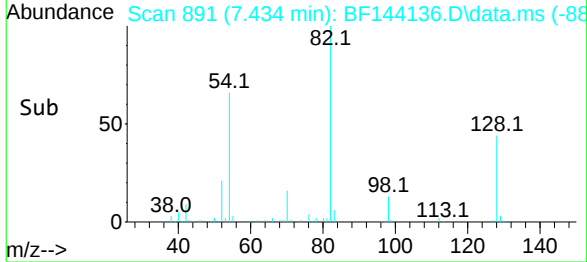
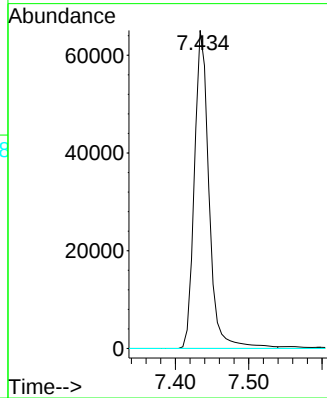
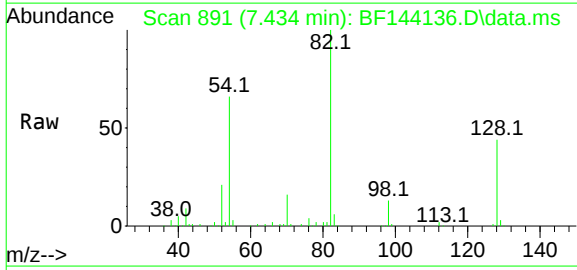




#25
Isophorone
Concen: 11.726 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.264 min
Lab File: BF144136.D
Acq: 29 Oct 2025 19:01

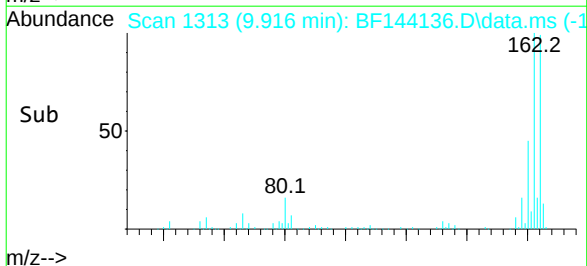
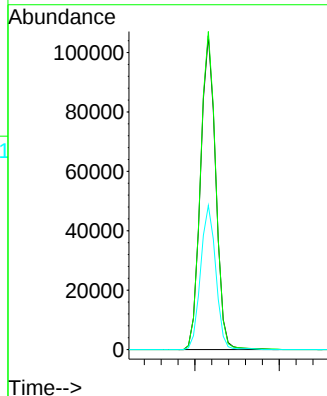
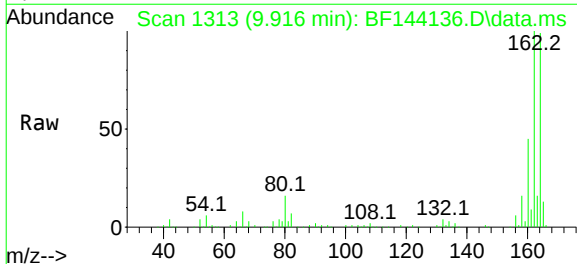
Instrument :
BNA_F
ClientSampleId :
B7-1.0-2.0-20251023

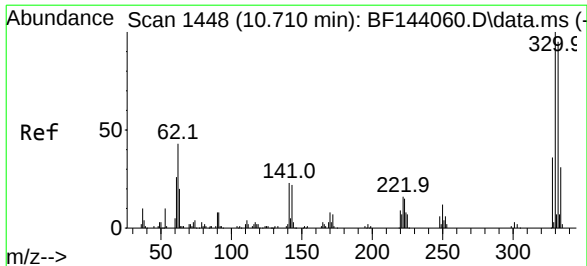
Tgt Ion: 82 Resp: 90387
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144136.D
Acq: 29 Oct 2025 19:01

Tgt Ion: 164 Resp: 132577
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.2
160 45.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 28.617 ng

RT: 10.704 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF144136.D

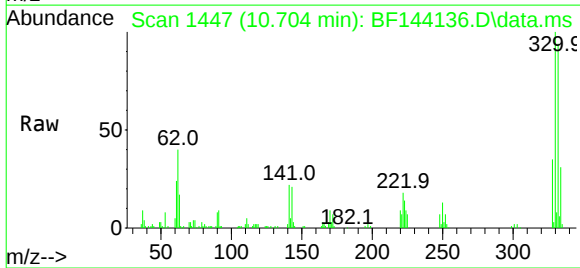
Acq: 29 Oct 2025 19:01

Instrument :

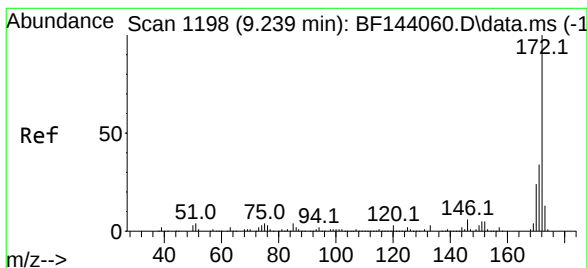
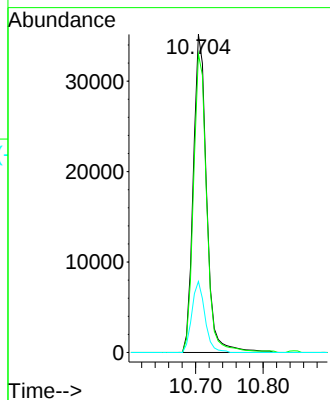
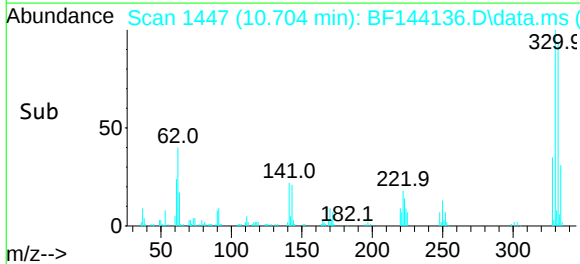
BNA_F

ClientSampleId :

B7-1.0-2.0-20251023



Tgt Ion:	330	Resp:	48327
Ion Ratio	Lower	Upper	
330	100		
332	92.8	77.0	115.6
141	21.8	19.4	29.0



#45

2-Fluorobiphenyl

Concen: 20.765 ng

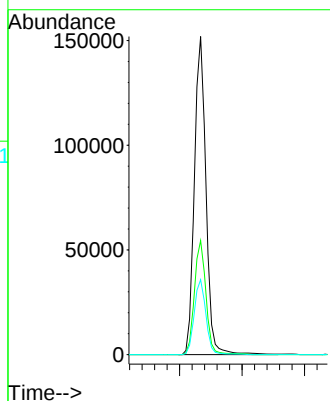
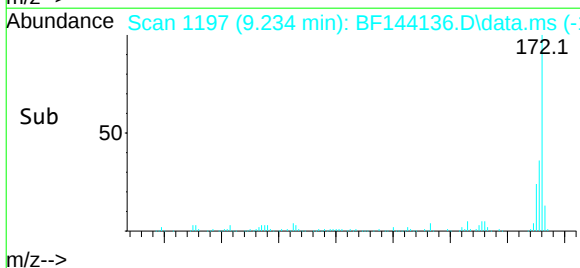
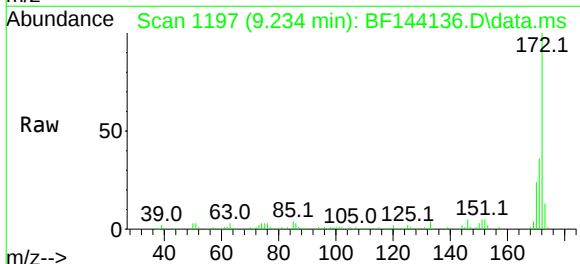
RT: 9.234 min Scan# 1197

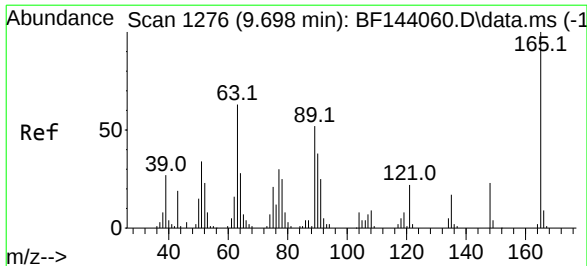
Delta R.T. -0.006 min

Lab File: BF144136.D

Acq: 29 Oct 2025 19:01

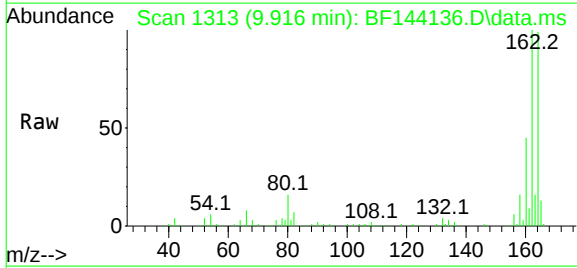
Tgt Ion:	172	Resp:	195633
Ion Ratio	Lower	Upper	
172	100		
171	35.9	27.5	41.3
170	23.5	19.0	28.6



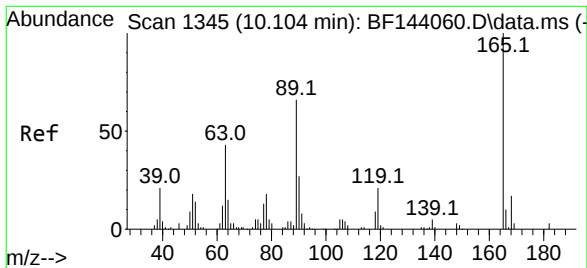
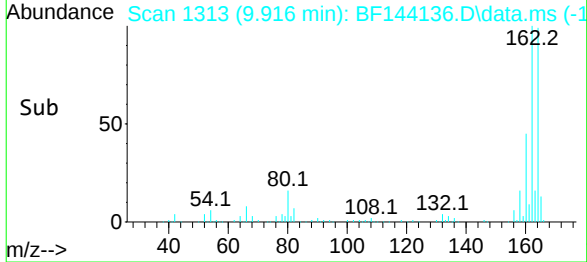
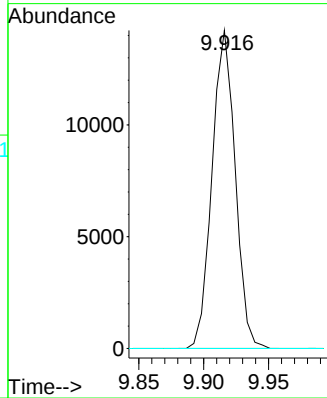


#51
2,6-Dinitrotoluene
Concen: 10.283 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.218 min
Lab File: BF144136.D
Acq: 29 Oct 2025 19:01

Instrument :
BNA_F
ClientSampleId :
B7-1.0-2.0-20251023

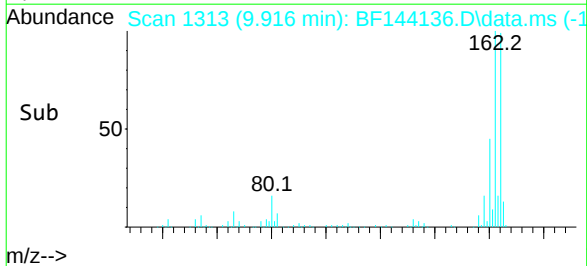
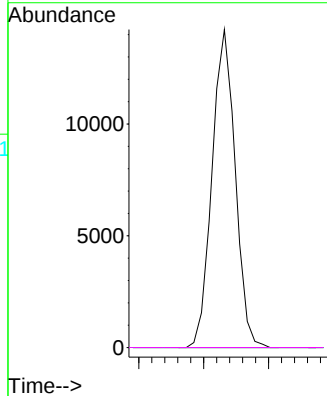
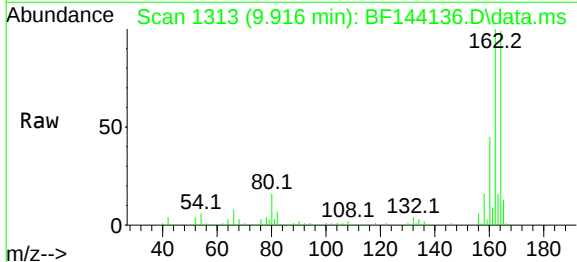


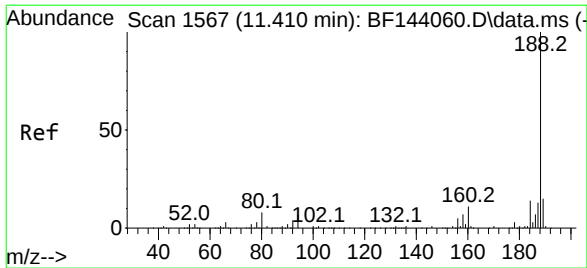
Tgt Ion:165 Resp: 17665
Ion Ratio Lower Upper
165 100
63 0.0 50.4 75.6#
89 0.0 41.4 62.2#



#57
2,4-Dinitrotoluene
Concen: 7.619 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF144136.D
Acq: 29 Oct 2025 19:01

Tgt Ion:165 Resp: 17665
Ion Ratio Lower Upper
165 100
63 0.0 35.4 53.2#
89 0.0 52.7 79.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 15

Delta R.T. -0.006 min

Lab File: BF144136.D

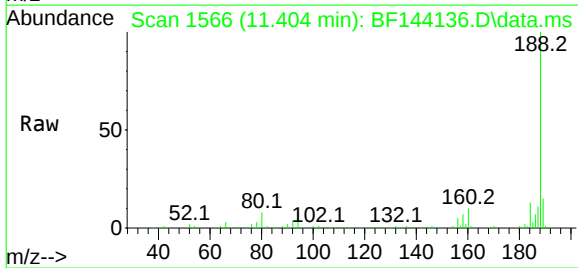
Acq: 29 Oct 2025 19:01

Instrument :

BNA_F

ClientSampleId :

B7-1.0-2.0-20251023



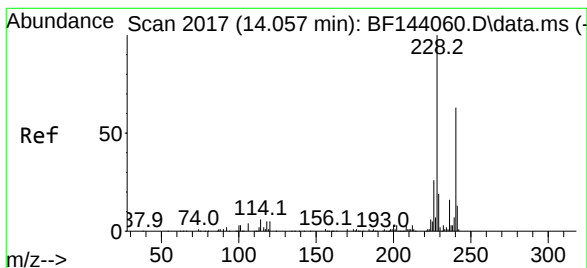
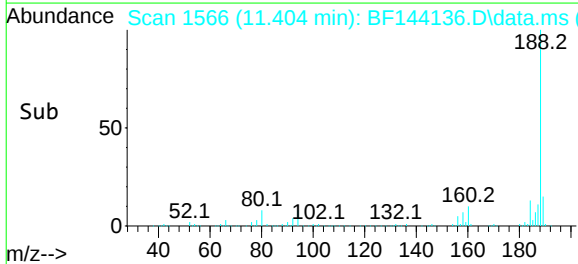
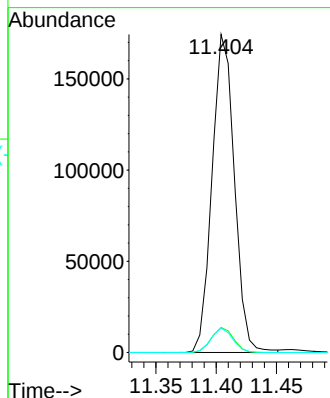
Tgt Ion:188 Resp: 225041

Ion Ratio Lower Upper

188 100

94 7.9 5.4 8.0

80 7.6 6.0 9.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF144136.D

Acq: 29 Oct 2025 19:01

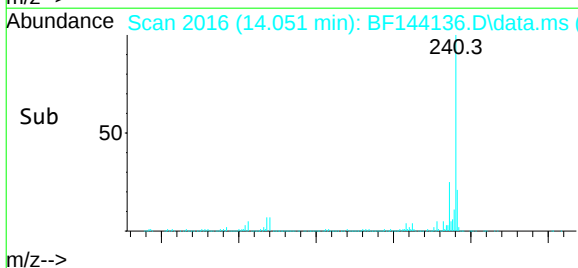
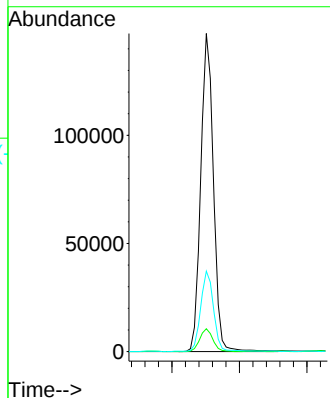
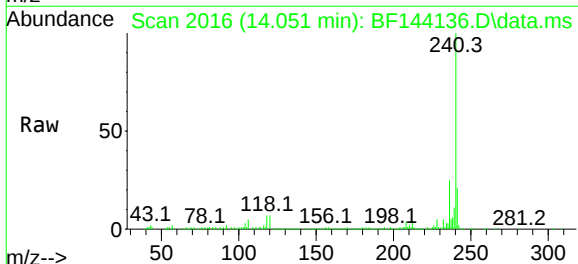
Tgt Ion:240 Resp: 191916

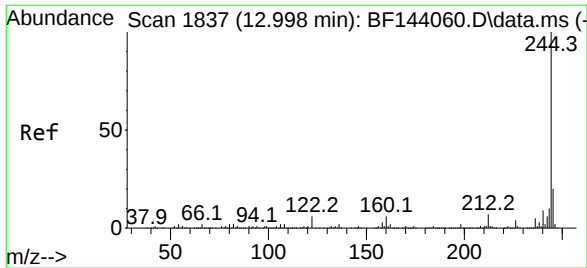
Ion Ratio Lower Upper

240 100

120 7.2 6.5 9.7

236 25.3 20.1 30.1





#79

Terphenyl-d14

Concen: 16.278 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144136.D

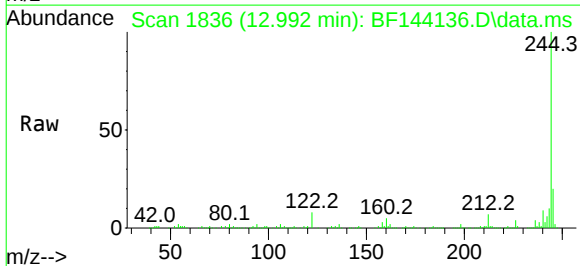
Acq: 29 Oct 2025 19:01

Instrument :

BNA_F

ClientSampleId :

B7-1.0-2.0-20251023



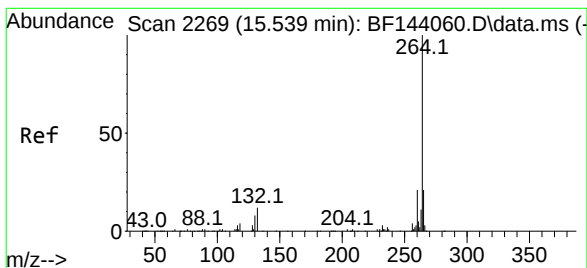
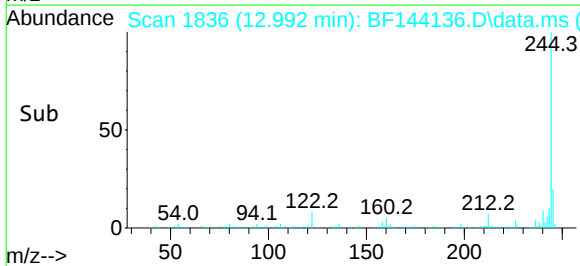
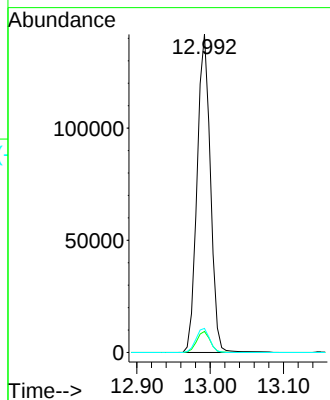
Tgt Ion:244 Resp: 178701

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 7.6 4.9 7.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF144136.D

Acq: 29 Oct 2025 19:01

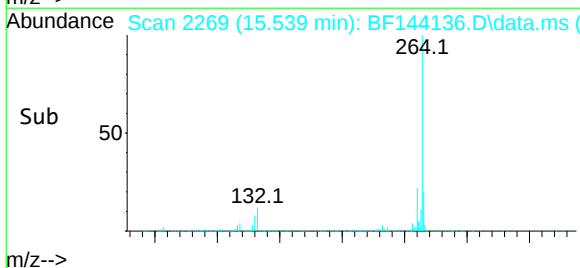
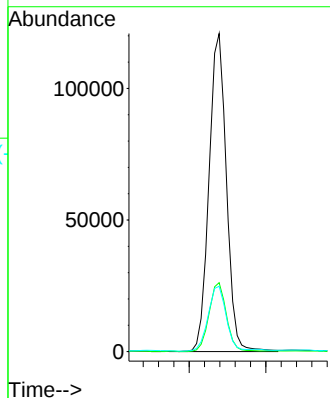
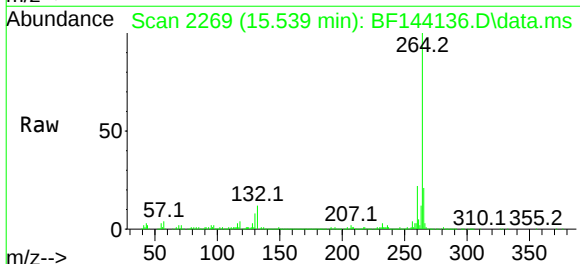
Tgt Ion:264 Resp: 190782

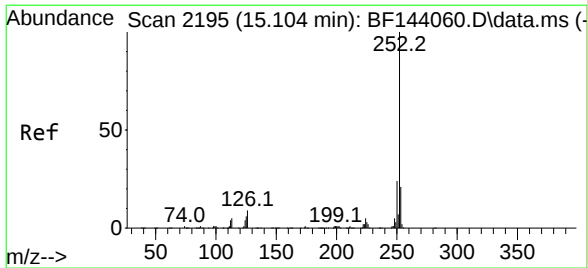
Ion Ratio Lower Upper

264 100

260 21.7 17.0 25.4

265 20.5 16.6 24.8





#88

Benzo(b)fluoranthene

Concen: 3.216 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144136.D

Acq: 29 Oct 2025 19:01

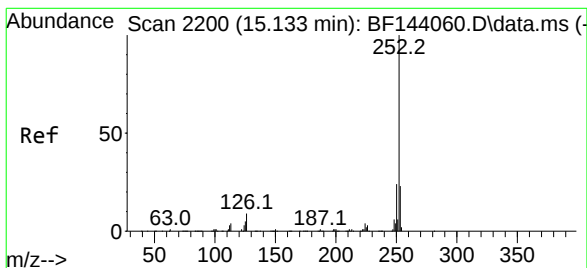
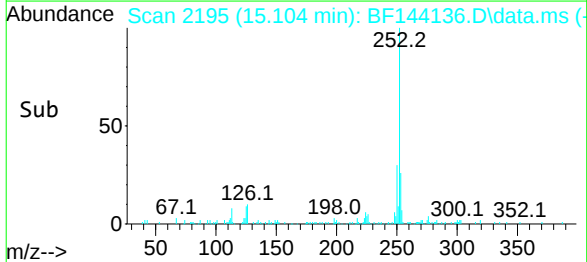
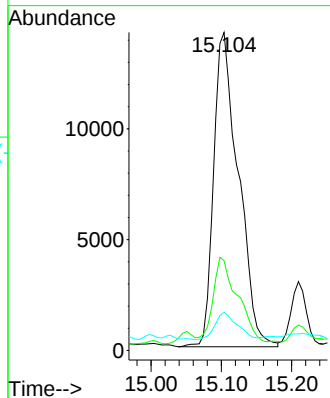
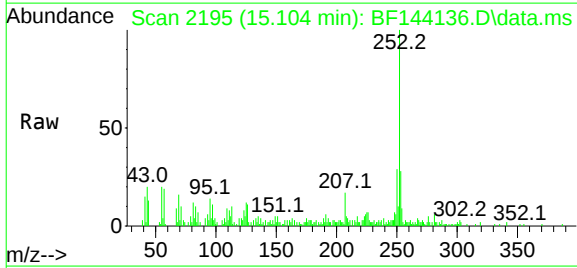
Instrument :

BNA_F

ClientSampleId :

B7-1.0-2.0-20251023

Tgt Ion:	252	Resp:	34686
Ion Ratio	Lower	Upper	
252	100		
253	28.2	17.2	25.8#
125	12.0	5.0	7.6#



#89

Benzo(k)fluoranthene

Concen: 3.486 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.029 min

Lab File: BF144136.D

Acq: 29 Oct 2025 19:01

Tgt Ion:	252	Resp:	34686
Ion Ratio	Lower	Upper	
252	100		
253	28.2	17.4	26.2#
125	12.0	4.9	7.3#

