

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037843.D
 Acq On : 20 Sep 2025 09:14
 Operator : RC/JU
 Sample : Q3095-28
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 22 00:37:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

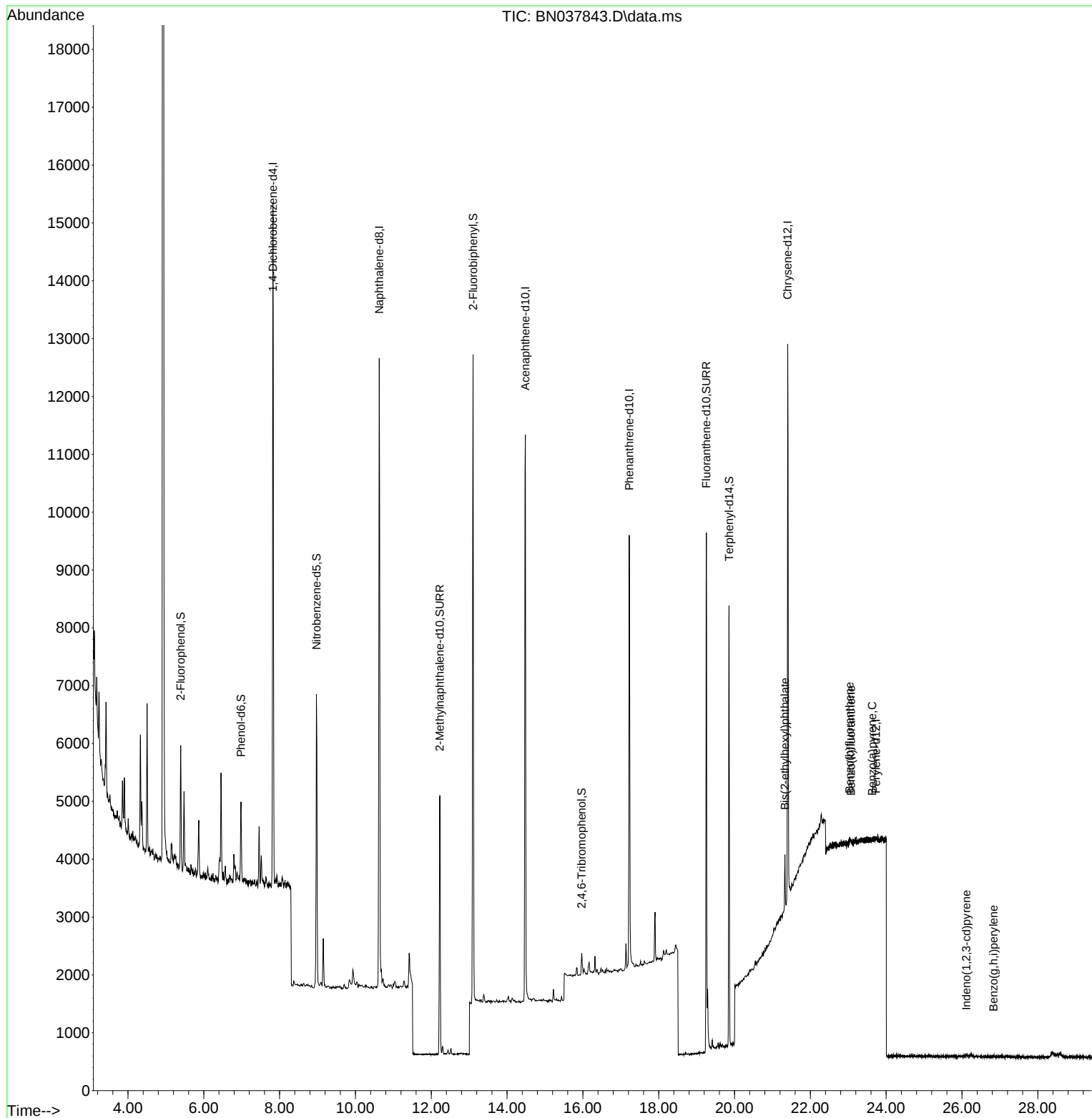
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	5576	0.400	ng	-0.01
7) Naphthalene-d8	10.626	136	14489	0.400	ng	-0.02
13) Acenaphthene-d10	14.484	164	6033	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	10379	0.400	ng	-0.01
29) Chrysene-d12	21.402	240	8825	0.400	ng	#-0.02
35) Perylene-d12	23.736	264	32	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1641	0.128	ng	0.00
5) Phenol-d6	6.980	99	1234	0.074	ng	0.00
8) Nitrobenzene-d5	8.971	82	4034	0.381	ng	-0.02
11) 2-Methylnaphthalene-d10	12.227	152	6145	0.320	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	247	0.157	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	9686	0.384	ng	-0.01
27) Fluoranthene-d10	19.257	212	9444	0.362	ng	-0.01
31) Terphenyl-d14	19.856	244	6998	0.391	ng	-0.01
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.331	149	976	0.107	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.115	276	18	0.134	ng	# 91
37) Benzo(b)fluoranthene	23.031	252	78	0.619	ng	# 1
38) Benzo(k)fluoranthene	23.072	252	10	0.078	ng	# 1
39) Benzo(a)pyrene	23.630	252	6	0.059	ng	# 1
41) Benzo(g,h,i)perylene	26.835	276	24	0.199	ng	# 1

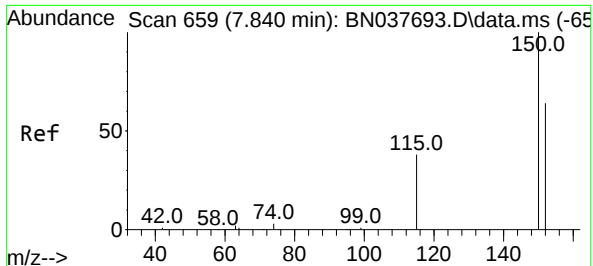
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
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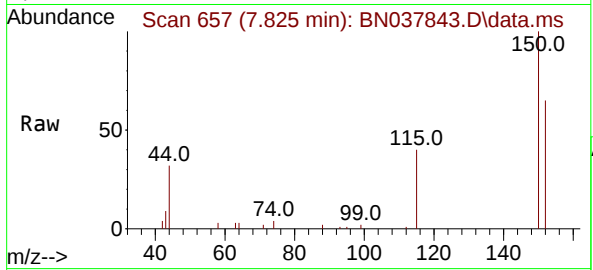
Quant Time: Sep 22 00:37:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





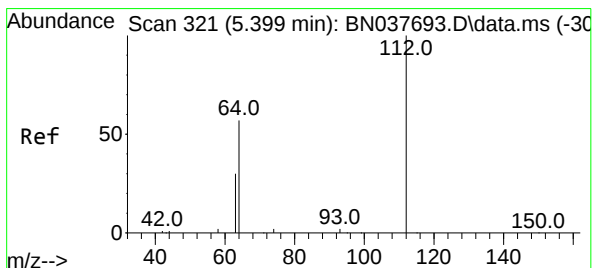
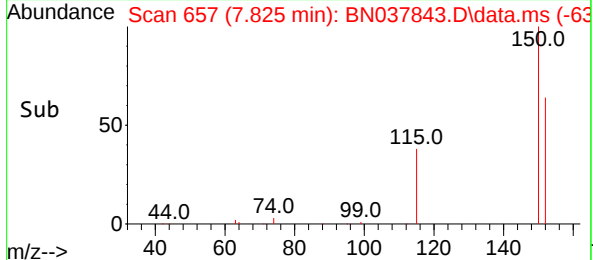
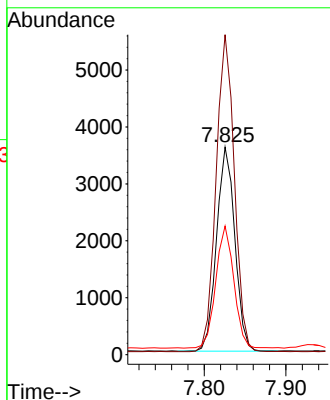
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.825 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN037843.D
 Acq: 20 Sep 2025 09:14

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:152 Resp: 5576

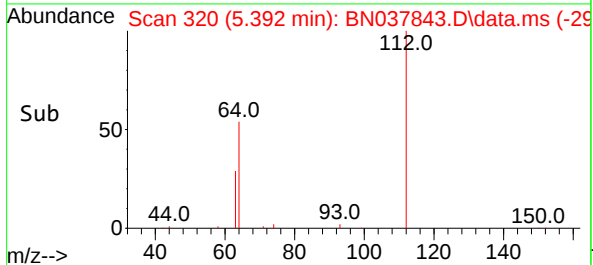
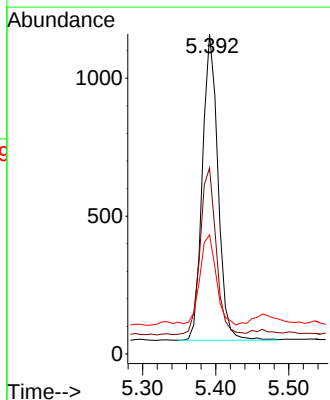
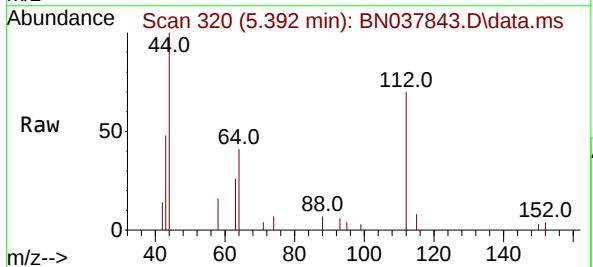
Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.5	186.7
115	62.0	49.2	73.8

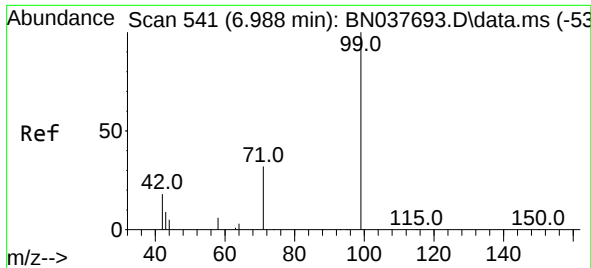


#4
 2-Fluorophenol
 Concen: 0.128 ng
 RT: 5.392 min Scan# 320
 Delta R.T. -0.007 min
 Lab File: BN037843.D
 Acq: 20 Sep 2025 09:14

Tgt Ion:112 Resp: 1641

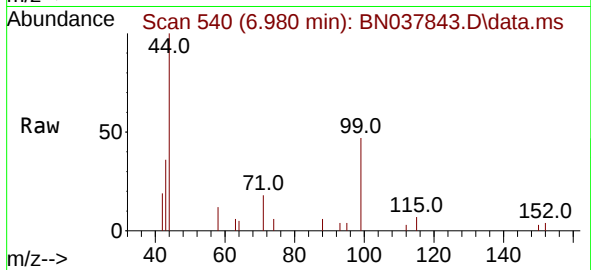
Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.9	67.3
63	30.8	24.7	37.1



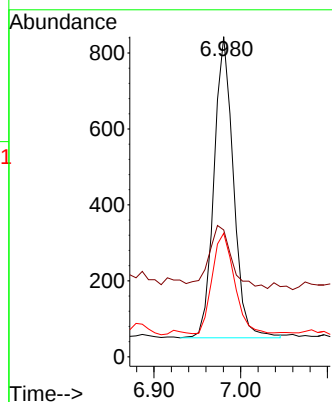
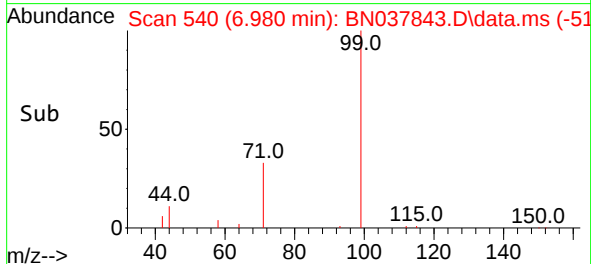


#5
Phenol-d6
Concen: 0.074 ng
RT: 6.980 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037843.D
Acq: 20 Sep 2025 09:14

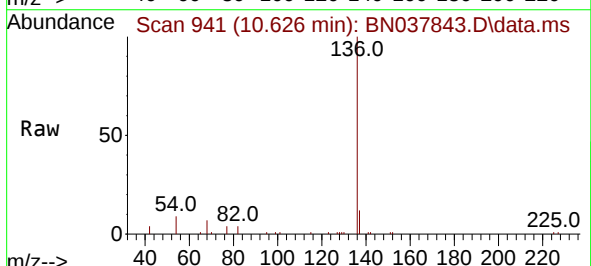
Instrument :
BNA_N
ClientSampleId :



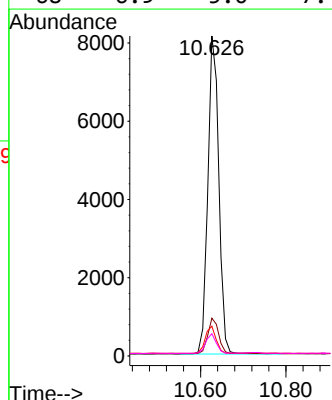
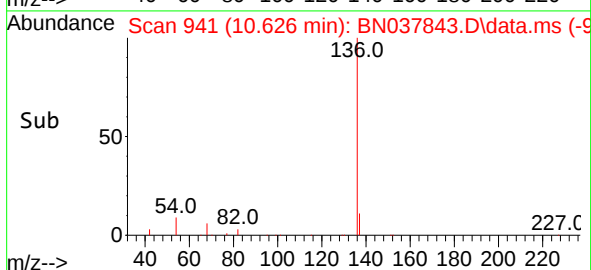
Tgt Ion:	99	Resp:	1234
Ion	Ratio	Lower	Upper
99	100		
42	24.6	16.6	24.8
71	38.9	26.7	40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN037843.D
Acq: 20 Sep 2025 09:14



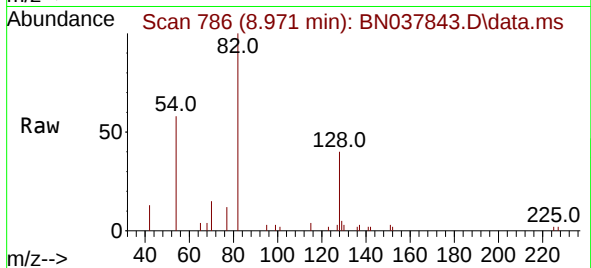
Tgt Ion:	136	Resp:	14489
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	9.3	6.3	9.5
68	6.9	5.0	7.4



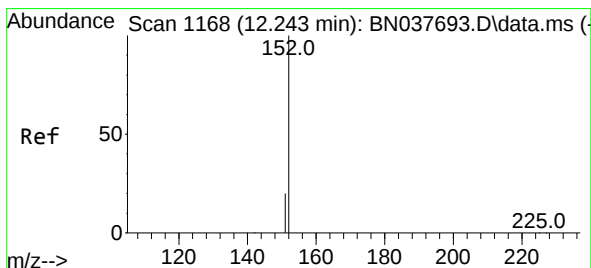
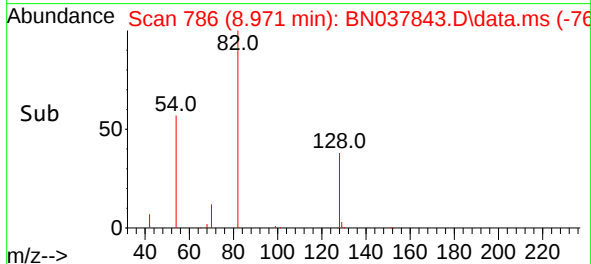
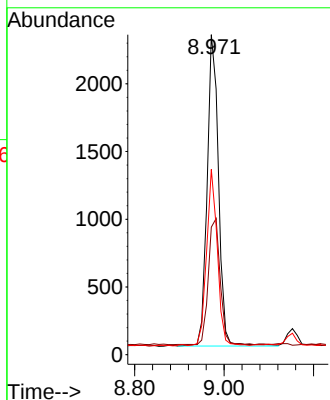


#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.971 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN037843.D
Acq: 20 Sep 2025 09:14

Instrument :
BNA_N
ClientSampleId :

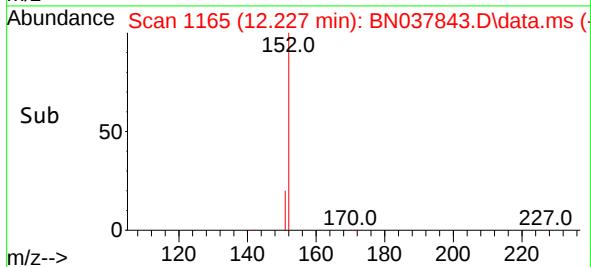
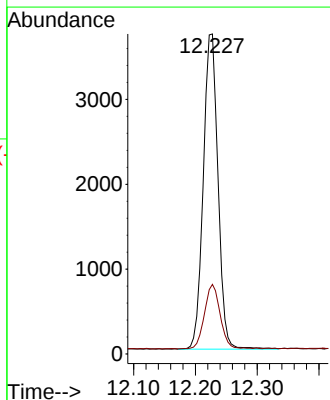
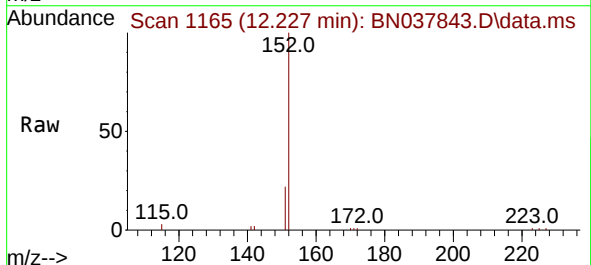


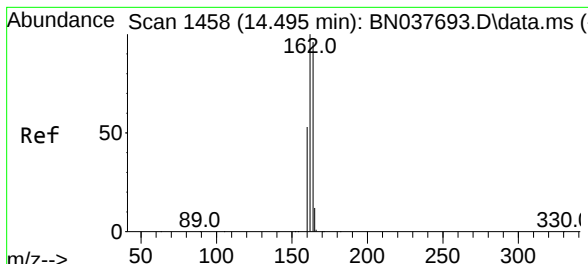
Tgt Ion: 82 Resp: 4034
Ion Ratio Lower Upper
82 100
128 39.9 38.3 57.5
54 57.9 41.4 62.2



#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037843.D
Acq: 20 Sep 2025 09:14

Tgt Ion: 152 Resp: 6145
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6



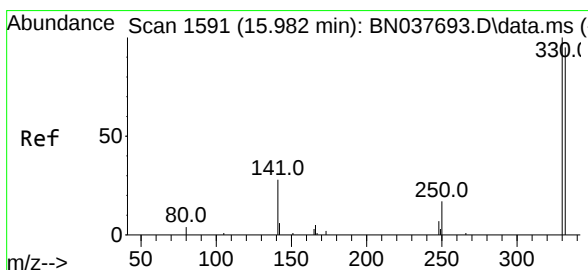
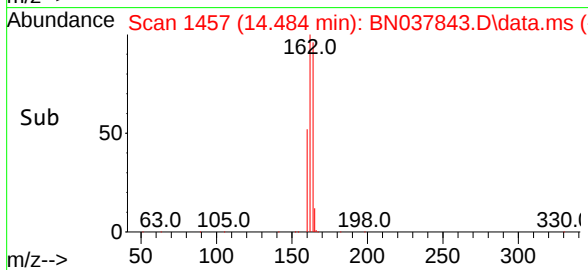
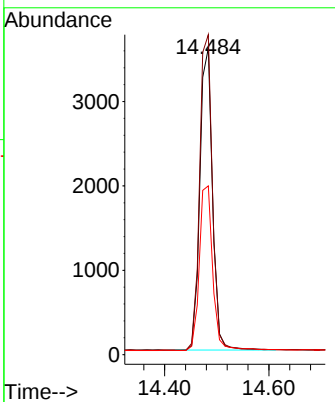
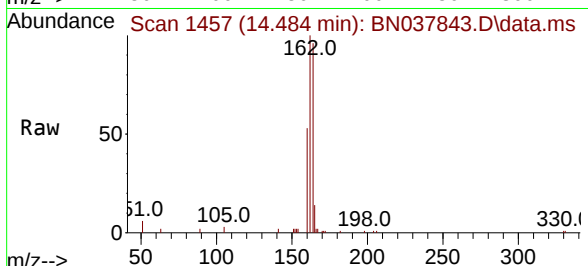


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037843.D
 Acq: 20 Sep 2025 09:14

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:164 Resp: 6033

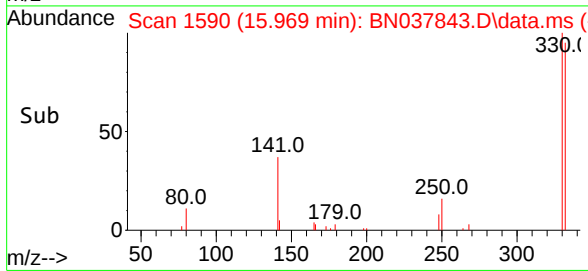
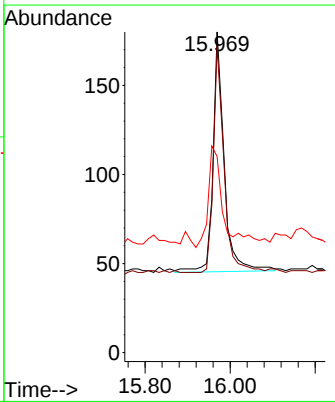
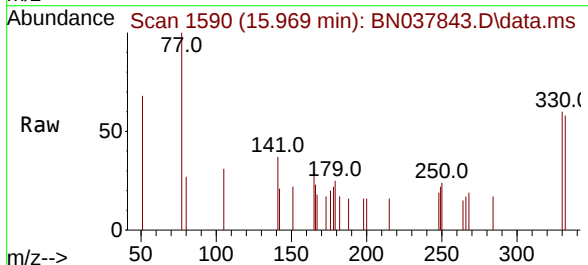
Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.1	124.7
160	55.1	44.3	66.5

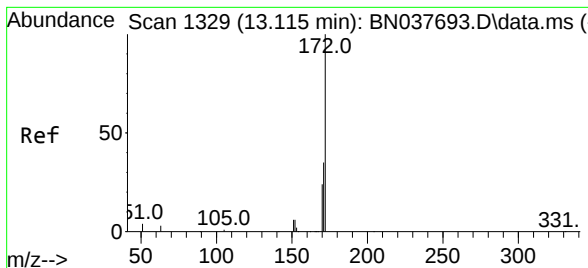


#14
 2,4,6-Tribromophenol
 Concen: 0.157 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. -0.013 min
 Lab File: BN037843.D
 Acq: 20 Sep 2025 09:14

Tgt Ion:330 Resp: 247

Ion	Ratio	Lower	Upper
330	100		
332	88.7	75.3	112.9
141	48.2	35.0	52.4

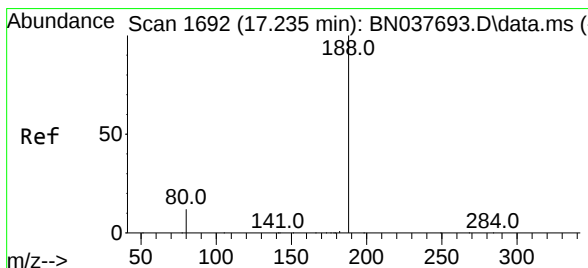
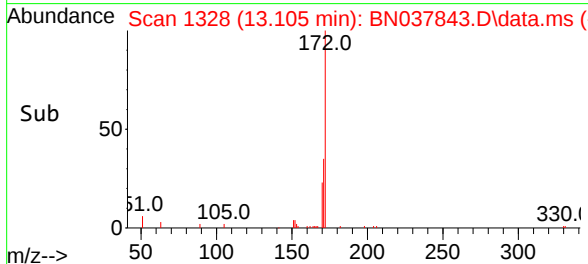
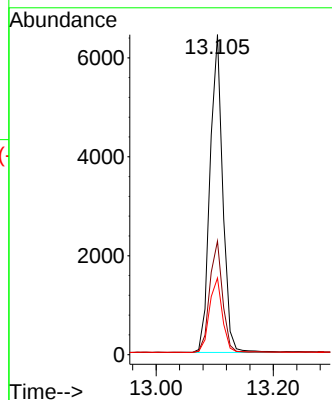
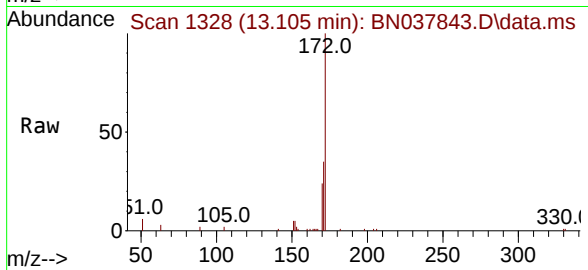




#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN037843.D
Acq: 20 Sep 2025 09:14

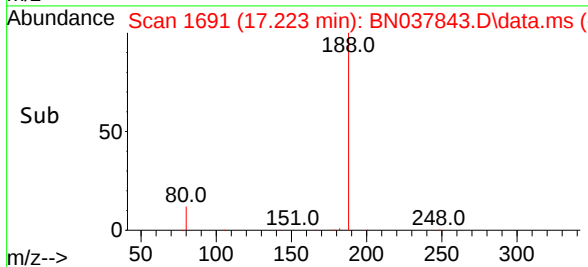
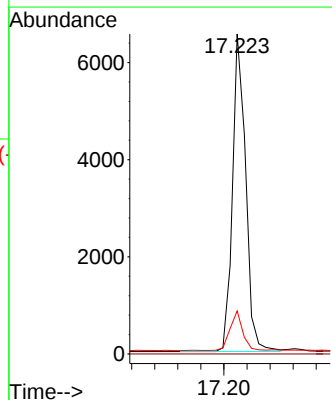
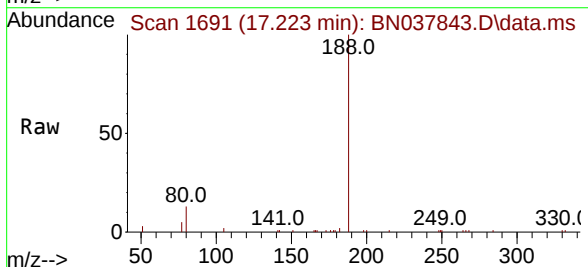
Instrument :
BNA_N
ClientSampleId :

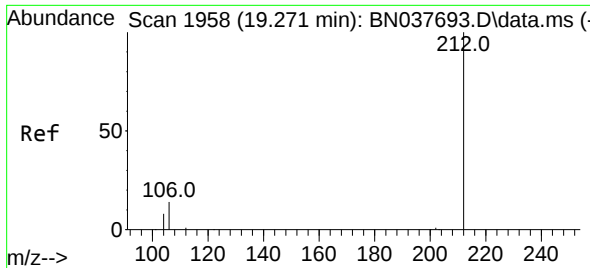
Tgt Ion:172 Resp: 9686
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN037843.D
Acq: 20 Sep 2025 09:14

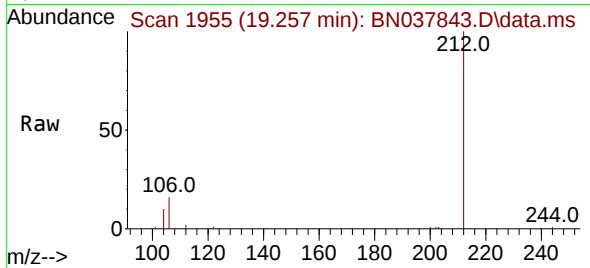
Tgt Ion:188 Resp: 10379
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 10.6 15.8



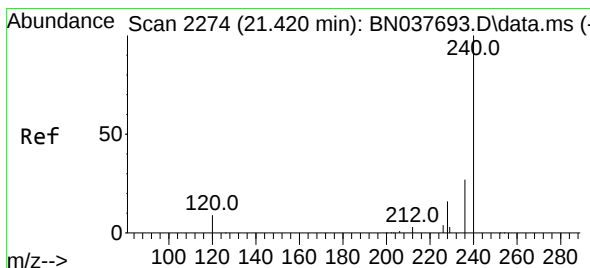
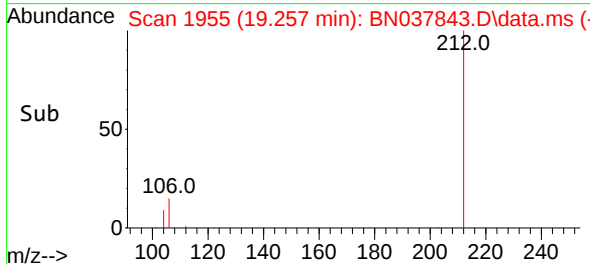
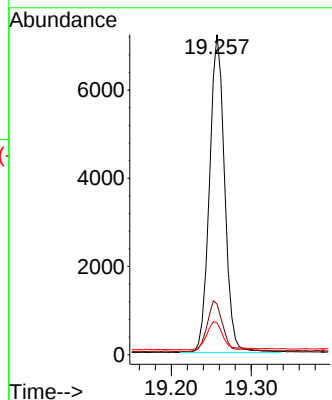


#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.257 min Scan# 1955
Delta R.T. -0.014 min
Lab File: BN037843.D
Acq: 20 Sep 2025 09:14

Instrument :
BNA_N
ClientSampleId :

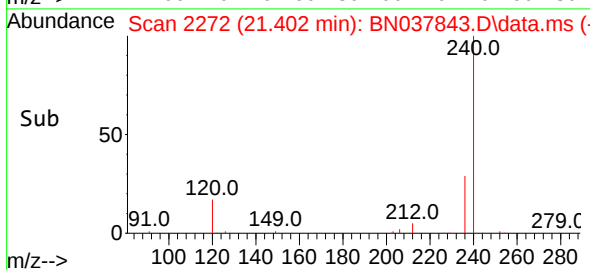
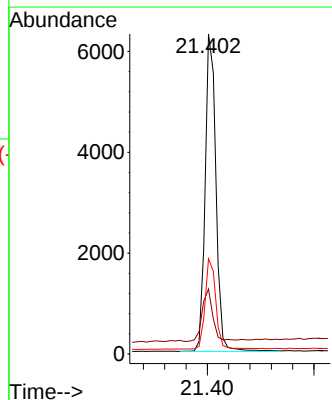
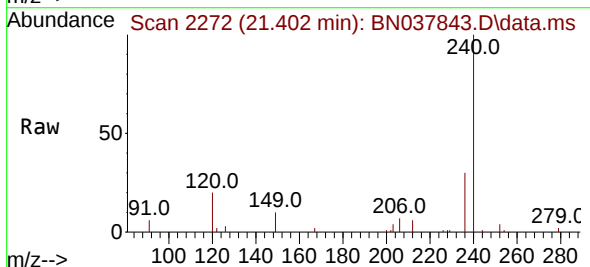


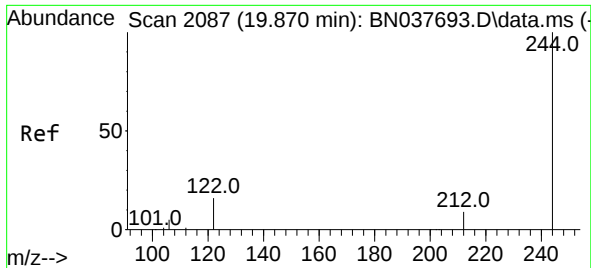
Tgt Ion:212 Resp: 9444
Ion Ratio Lower Upper
212 100
106 16.3 12.2 18.2
104 9.8 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BN037843.D
Acq: 20 Sep 2025 09:14

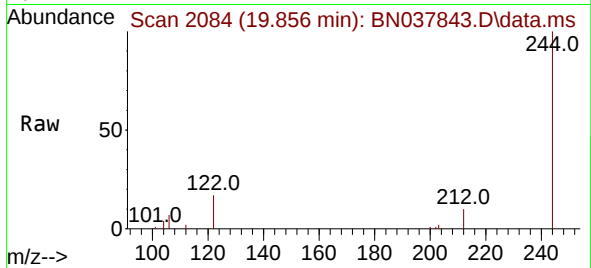
Tgt Ion:240 Resp: 8825
Ion Ratio Lower Upper
240 100
120 20.3 9.2 13.8#
236 29.8 22.6 33.8



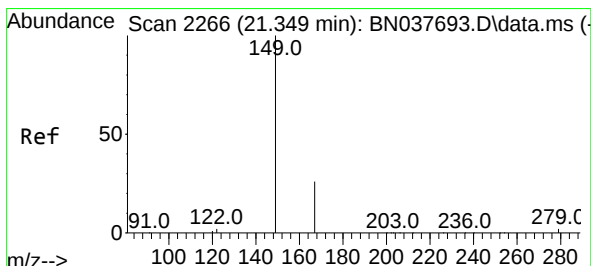
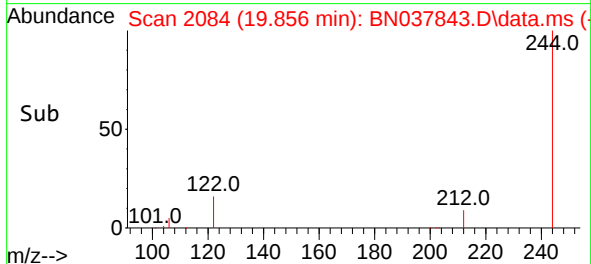
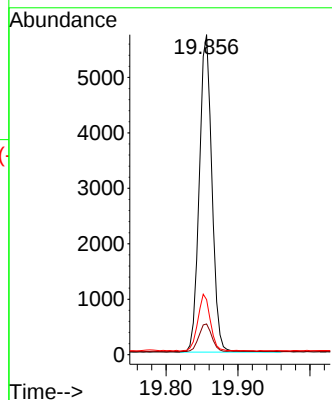


#31
 Terphenyl-d14
 Concen: 0.391 ng
 RT: 19.856 min Scan# 2087
 Delta R.T. -0.014 min
 Lab File: BN037843.D
 Acq: 20 Sep 2025 09:14

Instrument :
 BNA_N
 ClientSampleId :

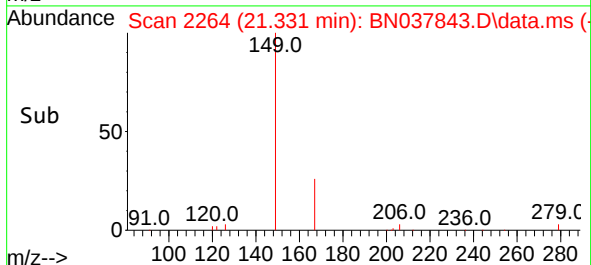
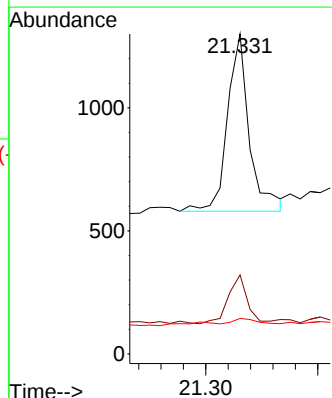
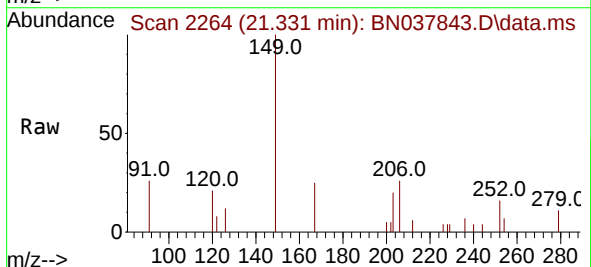


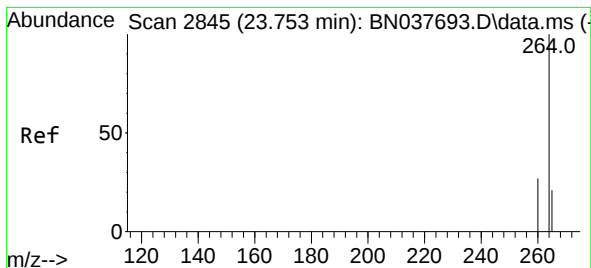
Tgt Ion:244 Resp: 6998
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.5 11.3
 122 17.2 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.107 ng
 RT: 21.331 min Scan# 2264
 Delta R.T. -0.018 min
 Lab File: BN037843.D
 Acq: 20 Sep 2025 09:14

Tgt Ion:149 Resp: 976
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.8 31.2
 279 3.2 3.3 4.9#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.736 min Scan# 21

Delta R.T. -0.018 min

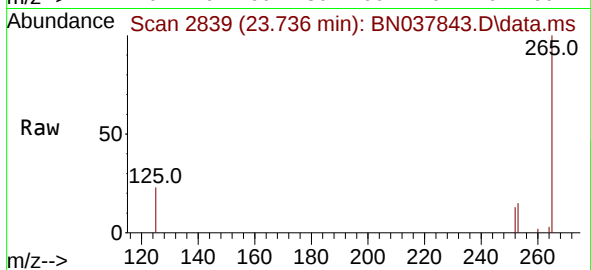
Lab File: BN037843.D

Acq: 20 Sep 2025 09:14

Instrument :

BNA_N

ClientSampleId :



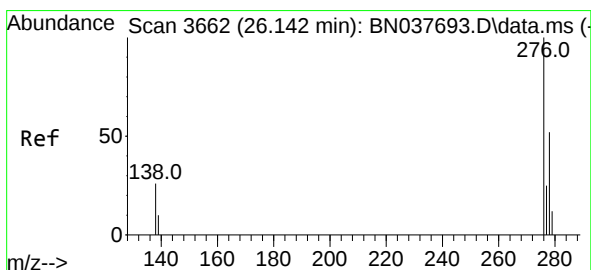
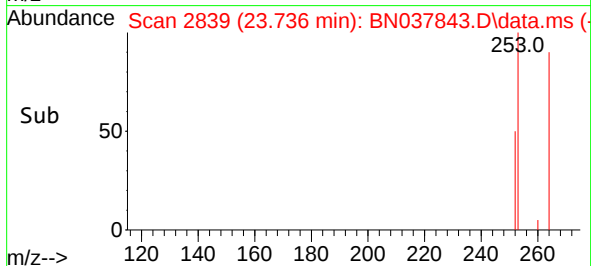
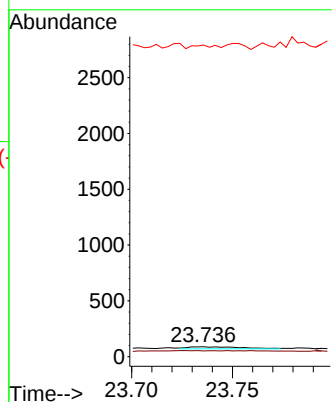
Tgt Ion:264 Resp: 32

Ion Ratio Lower Upper

264 100

260 57.3 21.8 32.8#

265 3137.1 39.4 59.2#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.134 ng

RT: 26.115 min Scan# 3653

Delta R.T. -0.026 min

Lab File: BN037843.D

Acq: 20 Sep 2025 09:14

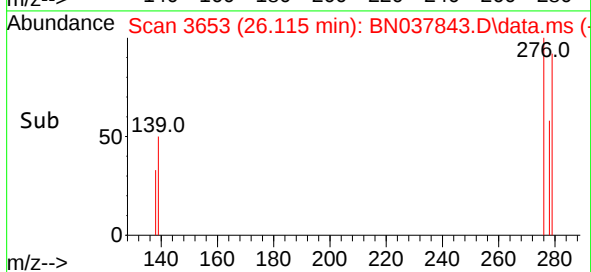
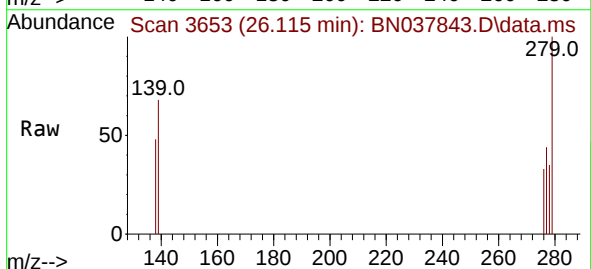
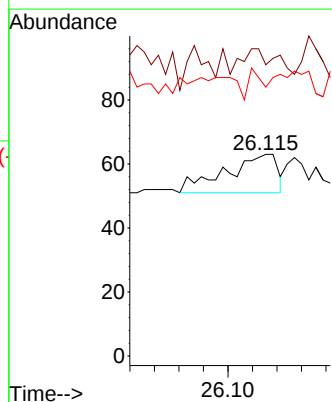
Tgt Ion:276 Resp: 18

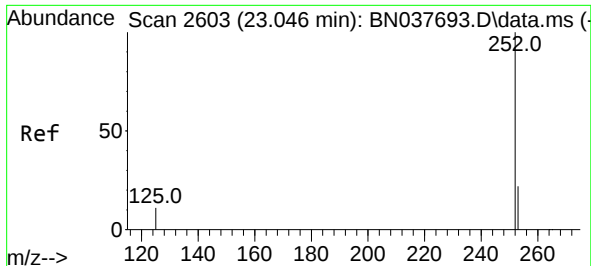
Ion Ratio Lower Upper

276 100

138 33.3 21.9 32.9#

277 22.2 20.1 30.1





#37

Benzo(b)fluoranthene

Concen: 0.619 ng

RT: 23.031 min Scan# 2612

Delta R.T. -0.015 min

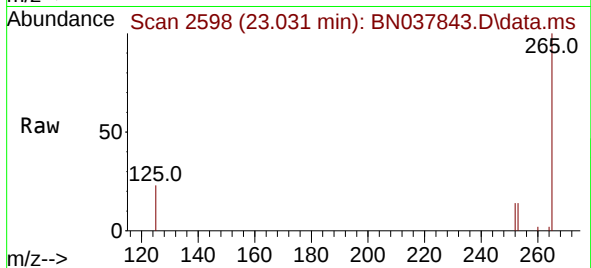
Lab File: BN037843.D

Acq: 20 Sep 2025 09:14

Instrument :

BNA_N

ClientSampleId :



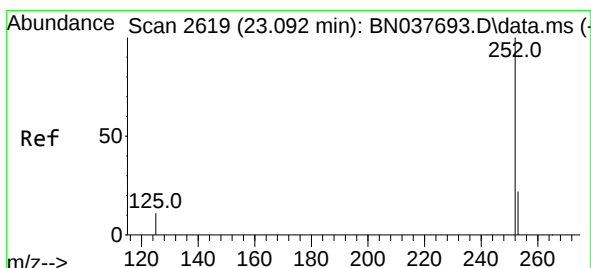
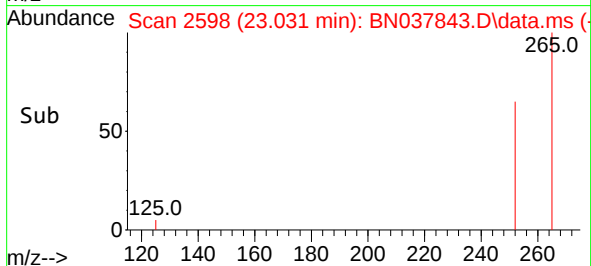
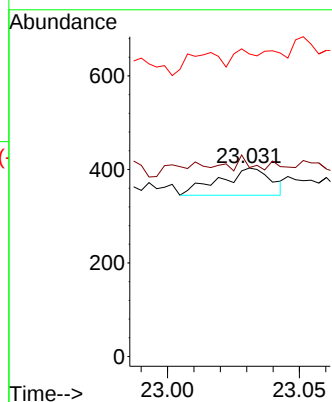
Tgt Ion:252 Resp: 78

Ion Ratio Lower Upper

252 100

253 100.2 19.4 29.2#

125 160.5 11.2 16.8#



#38

Benzo(k)fluoranthene

Concen: 0.078 ng

RT: 23.072 min Scan# 2612

Delta R.T. -0.021 min

Lab File: BN037843.D

Acq: 20 Sep 2025 09:14

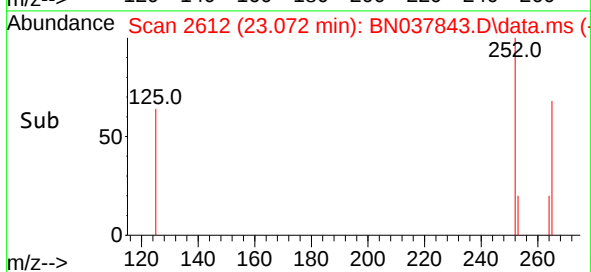
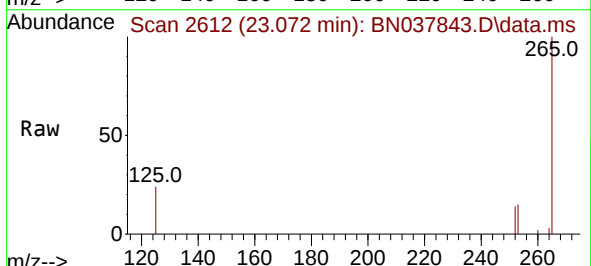
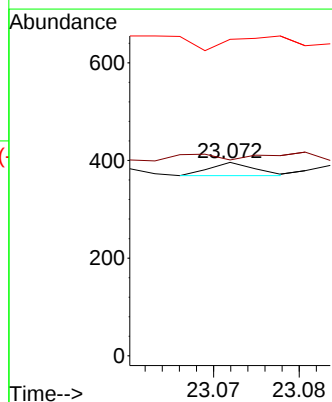
Tgt Ion:252 Resp: 10

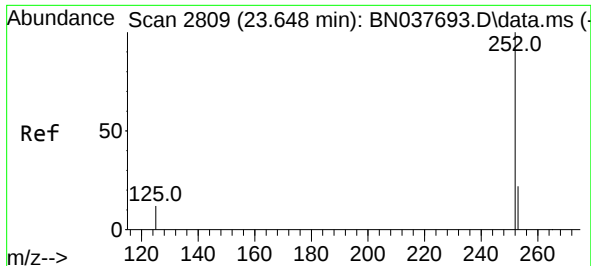
Ion Ratio Lower Upper

252 100

253 101.3 19.4 29.0#

125 163.6 11.6 17.4#





#39

Benzo(a)pyrene

Concen: 0.059 ng

RT: 23.630 min Scan# 21

Delta R.T. -0.018 min

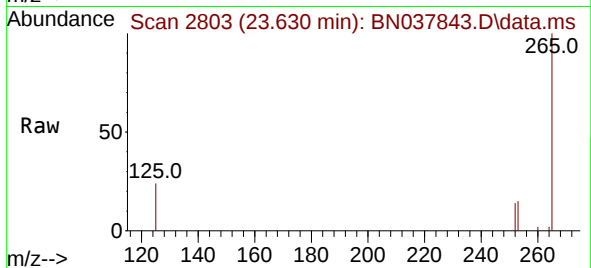
Lab File: BN037843.D

Acq: 20 Sep 2025 09:14

Instrument :

BNA_N

ClientSampleId :



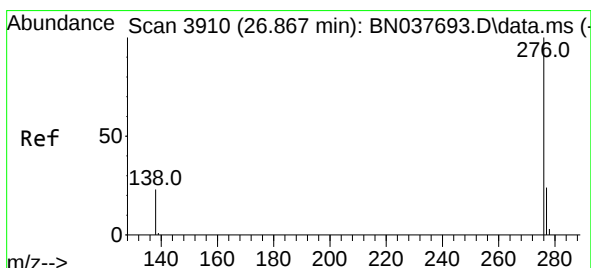
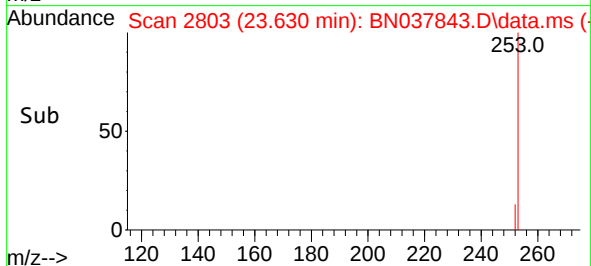
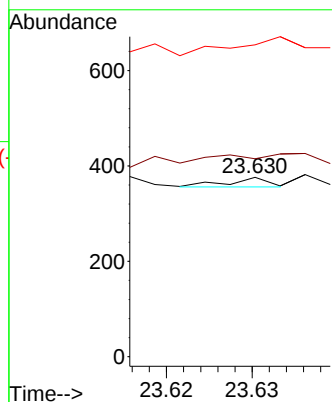
Tgt Ion:252 Resp: 6

Ion Ratio Lower Upper

252 100

253 110.4 20.8 31.2#

125 173.9 13.9 20.9#



#41

Benzo(g,h,i)perylene

Concen: 0.199 ng

RT: 26.835 min Scan# 3899

Delta R.T. -0.032 min

Lab File: BN037843.D

Acq: 20 Sep 2025 09:14

Tgt Ion:276 Resp: 24

Ion Ratio Lower Upper

276 100

277 144.3 20.6 31.0#

138 152.5 20.2 30.2#

