

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037819.D
 Acq On : 19 Sep 2025 17:58
 Operator : RC/JU
 Sample : Q3079-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 19 18:26:36 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)

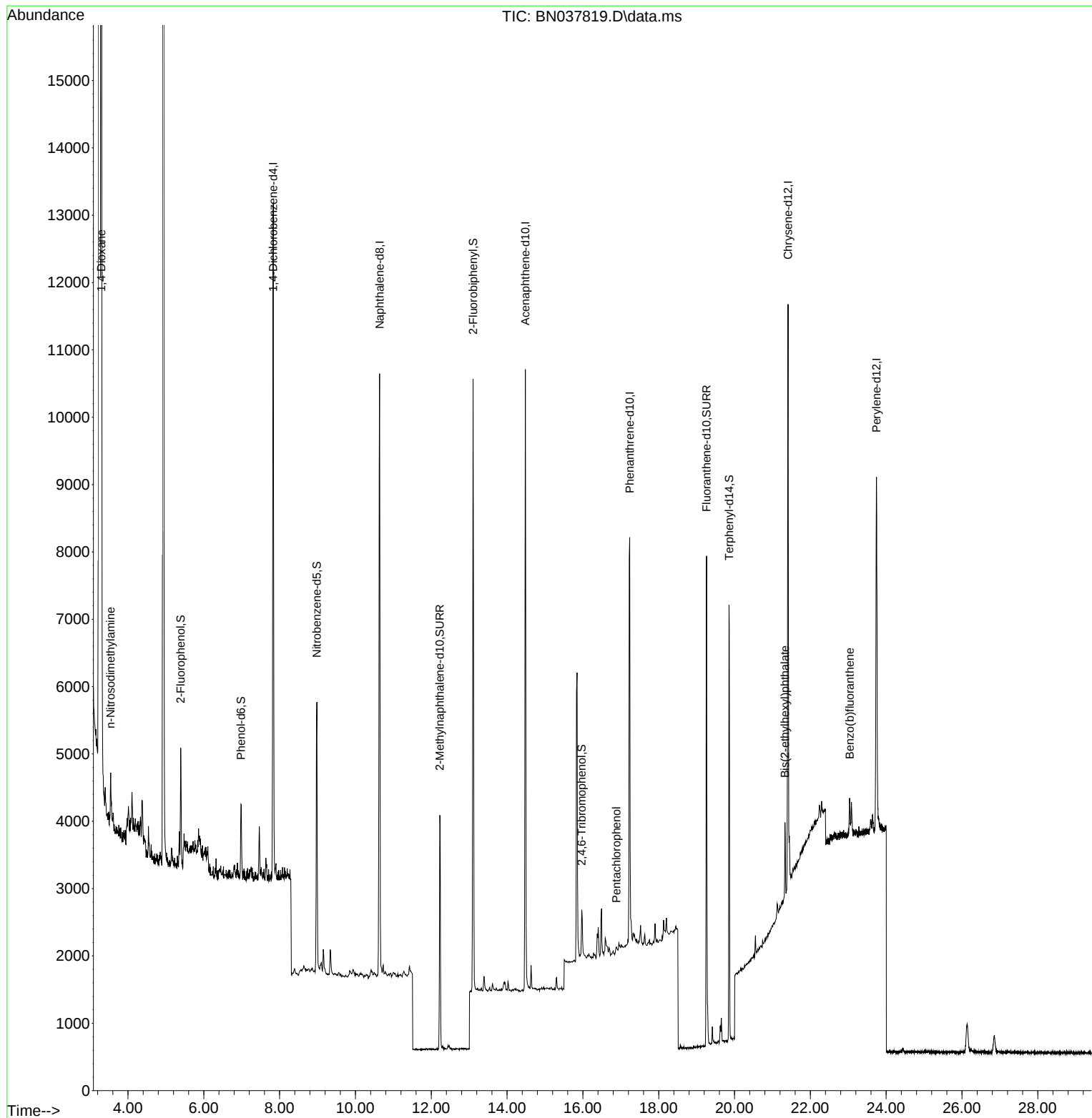
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4690	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	12247	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	5203	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	9585	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	7866	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	7673	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1407	0.131	ng	0.00
5) Phenol-d6	6.981	99	1025	0.073	ng	0.00
8) Nitrobenzene-d5	8.982	82	3219	0.359	ng	-0.01
11) 2-Methylnaphthalene-d10	12.228	152	4735	0.292	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	492	0.363	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	7423	0.341	ng	-0.01
27) Fluoranthene-d10	19.262	212	8095	0.336	ng	0.00
31) Terphenyl-d14	19.857	244	6189	0.388	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	15832	3.241	ng	97
3) n-Nitrosodimethylamine	3.543	42	334	0.052	ng	# 1
24) Pentachlorophenol	16.888	266	45	0.022	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.331	149	1054	0.130	ng	# 98
37) Benzo(b)fluoranthene	23.040	252	664	0.022	ng	# 1

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

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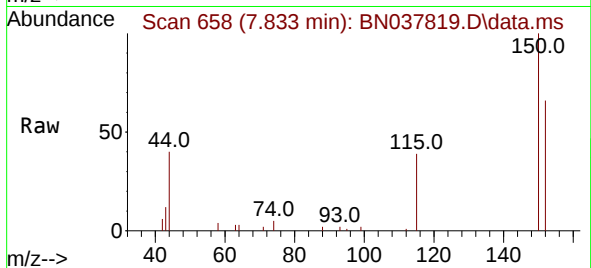
Quant Time: Sep 19 18:26:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



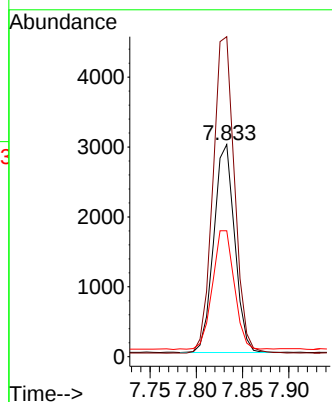
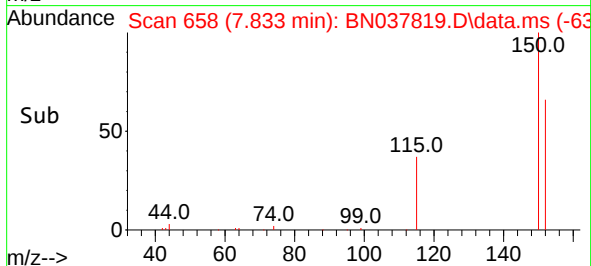


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037819.D
 Acq: 19 Sep 2025 17:58

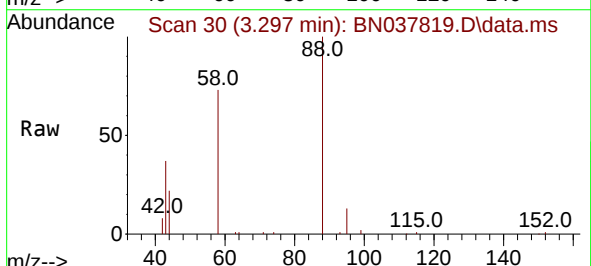
Instrument :
 BNA_N
 ClientSampleId :



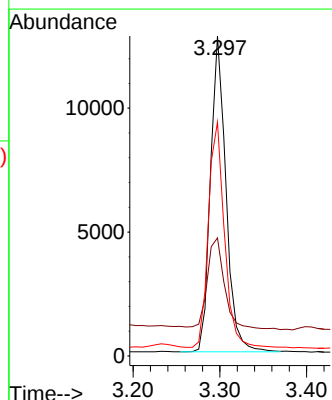
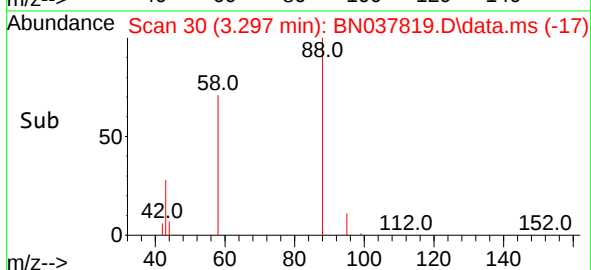
Tgt Ion:152 Resp: 4690
 Ion Ratio Lower Upper
 152 100
 150 150.8 124.5 186.7
 115 59.3 49.2 73.8



#2
 1,4-Dioxane
 Concen: 3.241 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037819.D
 Acq: 19 Sep 2025 17:58



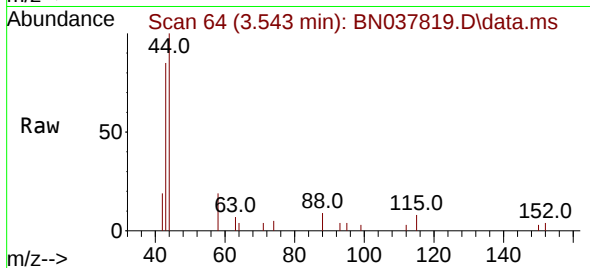
Tgt Ion: 88 Resp: 15832
 Ion Ratio Lower Upper
 88 100
 43 32.9 26.8 40.2
 58 73.5 61.9 92.9



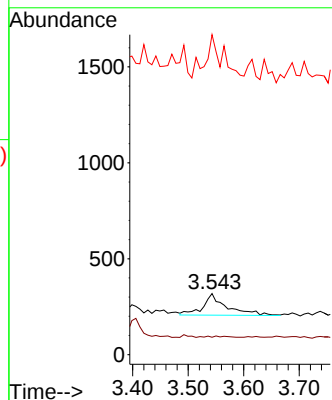
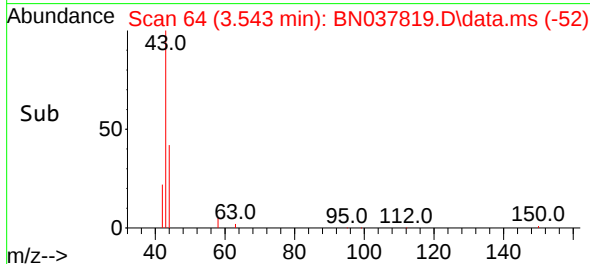


#3
 n-Nitrosodimethylamine
 Concen: 0.052 ng
 RT: 3.543 min Scan# 64
 Delta R.T. -0.065 min
 Lab File: BN037819.D
 Acq: 19 Sep 2025 17:58

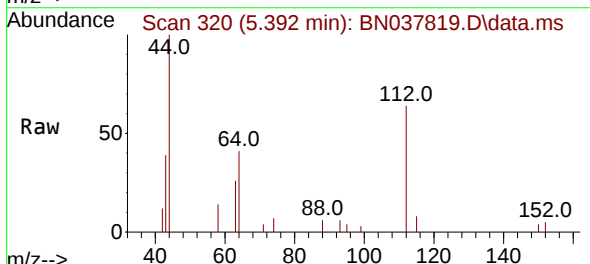
Instrument :
 BNA_N
 ClientSampleId :



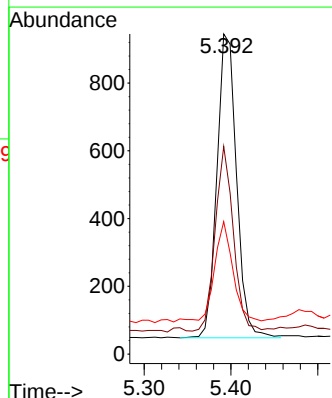
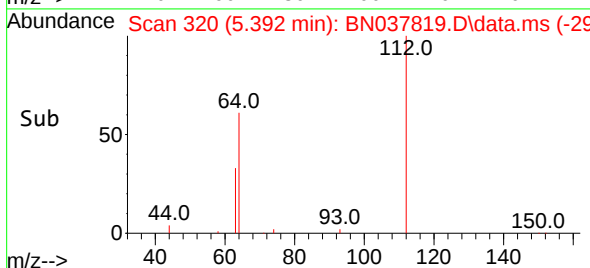
Tgt Ion: 42 Resp: 334
 Ion Ratio Lower Upper
 42 100
 74 0.9 86.0 129.0#
 44 95.5 8.4 12.6#



#4
 2-Fluorophenol
 Concen: 0.131 ng
 RT: 5.392 min Scan# 320
 Delta R.T. -0.007 min
 Lab File: BN037819.D
 Acq: 19 Sep 2025 17:58



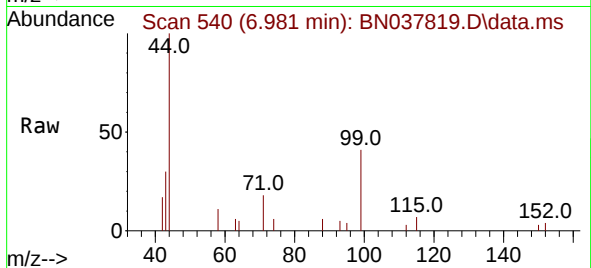
Tgt Ion: 112 Resp: 1407
 Ion Ratio Lower Upper
 112 100
 64 56.4 44.9 67.3
 63 31.4 24.7 37.1



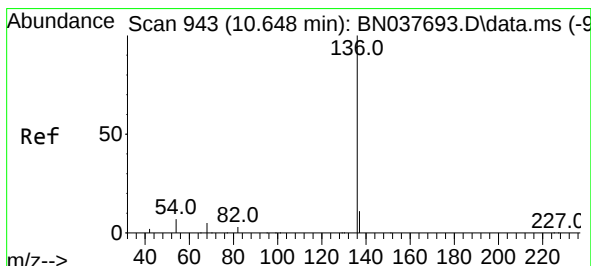
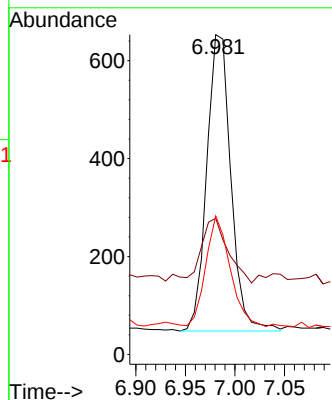
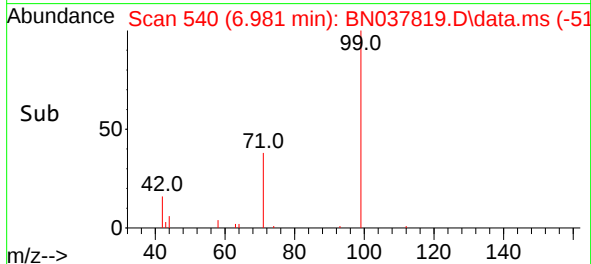


#5
Phenol-d6
Concen: 0.073 ng
RT: 6.981 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

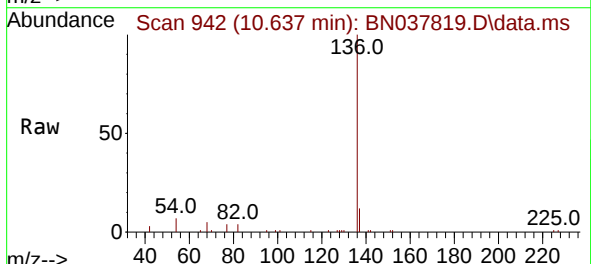
Instrument :
BNA_N
ClientSampleId :



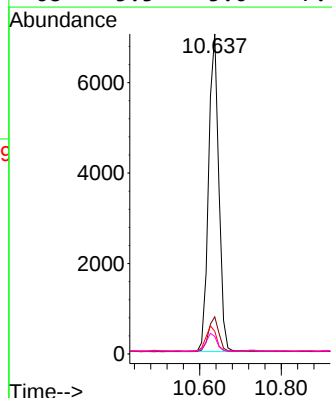
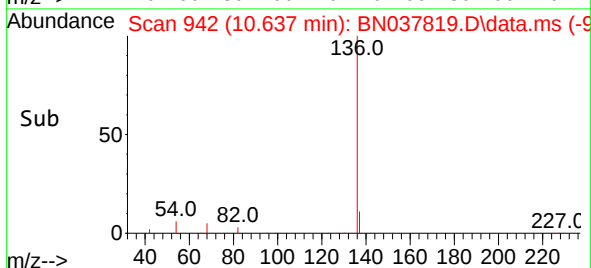
Tgt Ion: 99 Resp: 1025
Ion Ratio Lower Upper
99 100
42 25.1 16.6 24.8#
71 37.9 26.7 40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58



Tgt Ion: 136 Resp: 12247
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 7.1 6.3 9.5
68 5.5 5.0 7.4

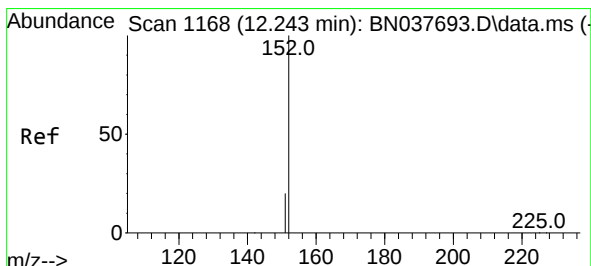
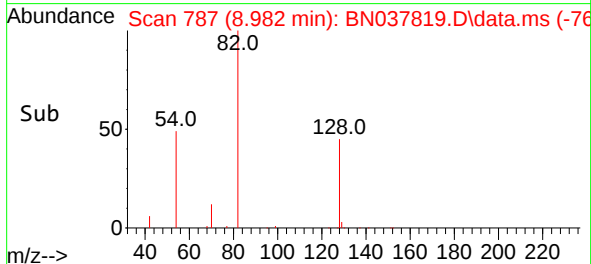
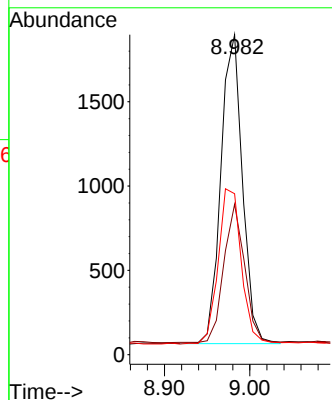
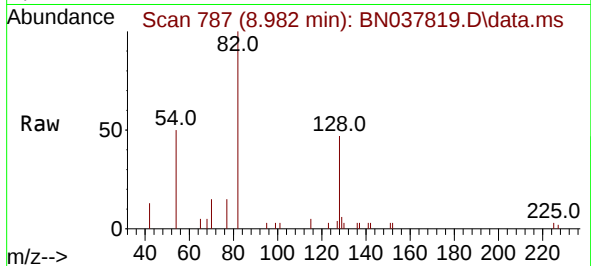




#8
 Nitrobenzene-d5
 Concen: 0.359 ng
 RT: 8.982 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN037819.D
 Acq: 19 Sep 2025 17:58

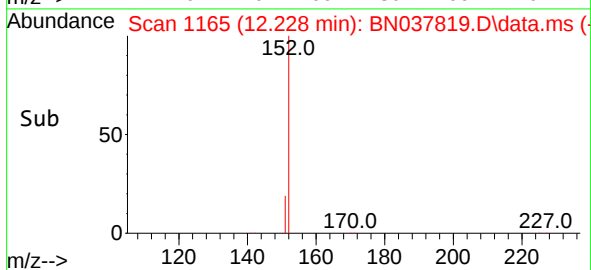
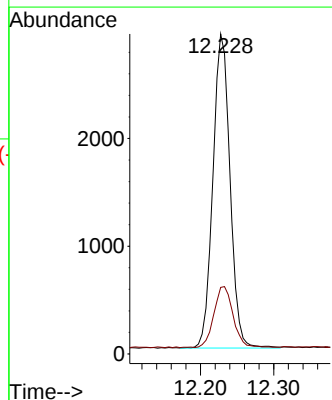
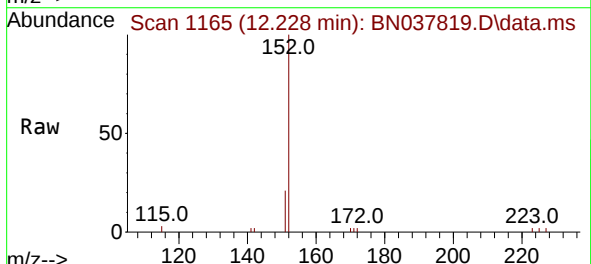
Instrument :
 BNA_N
 ClientSampleId :

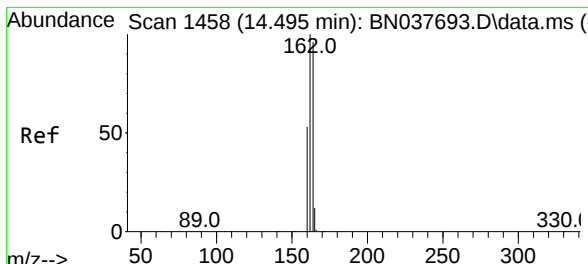
Tgt Ion: 82 Resp: 3219
 Ion Ratio Lower Upper
 82 100
 128 47.0 38.3 57.5
 54 50.3 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.292 ng
 RT: 12.228 min Scan# 1165
 Delta R.T. -0.015 min
 Lab File: BN037819.D
 Acq: 19 Sep 2025 17:58

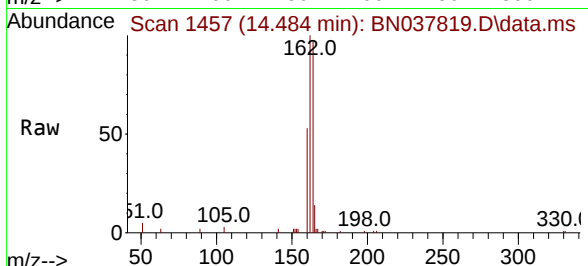
Tgt Ion: 152 Resp: 4735
 Ion Ratio Lower Upper
 152 100
 151 21.8 17.0 25.6





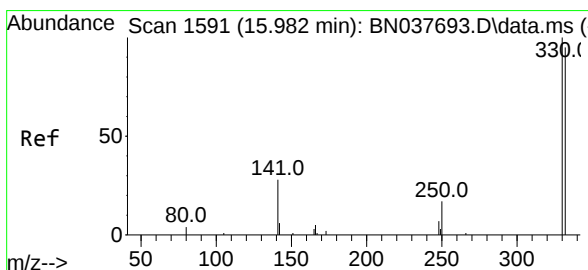
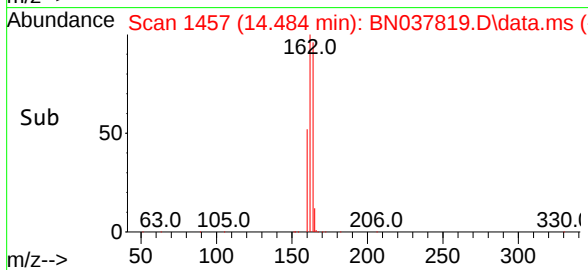
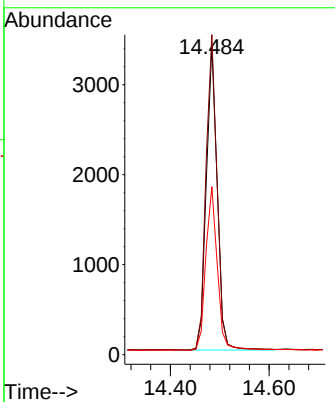
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037819.D
 Acq: 19 Sep 2025 17:58

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:164 Resp: 5203

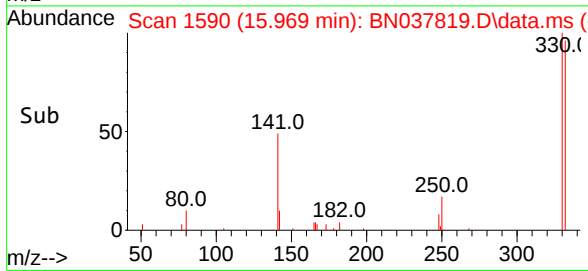
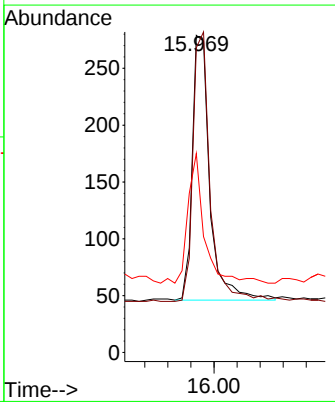
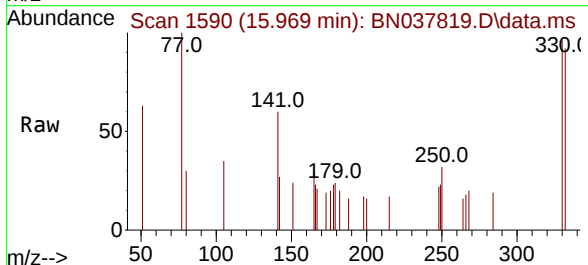
Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.1	124.7
160	54.3	44.3	66.5

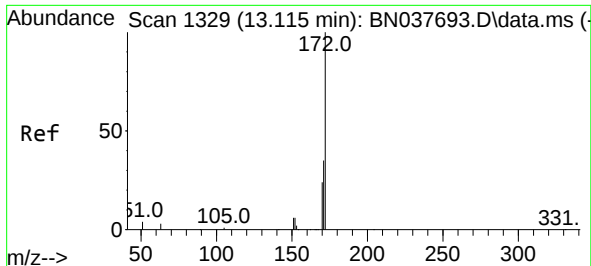


#14
 2,4,6-Tribromophenol
 Concen: 0.363 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. -0.013 min
 Lab File: BN037819.D
 Acq: 19 Sep 2025 17:58

Tgt Ion:330 Resp: 492

Ion	Ratio	Lower	Upper
330	100		
332	99.6	75.3	112.9
141	47.2	35.0	52.4

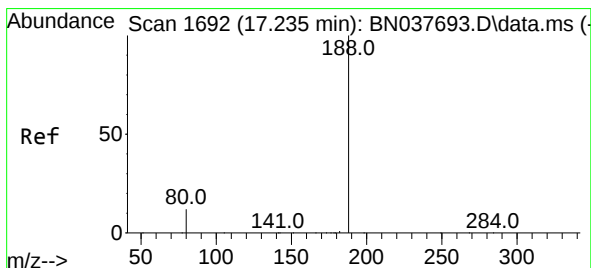
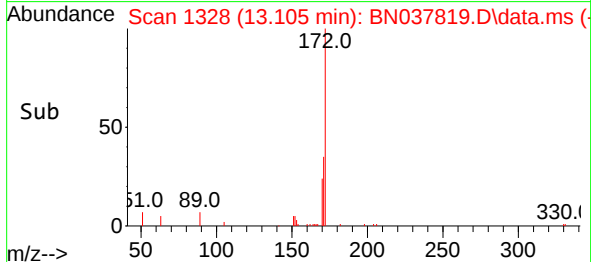
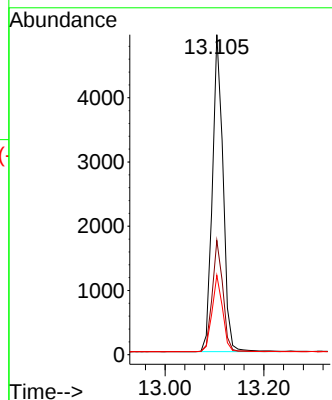
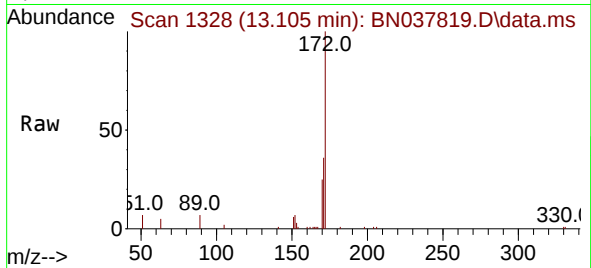




#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

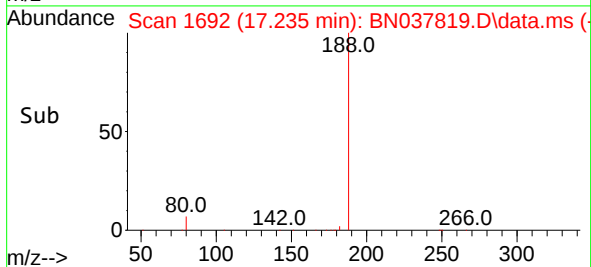
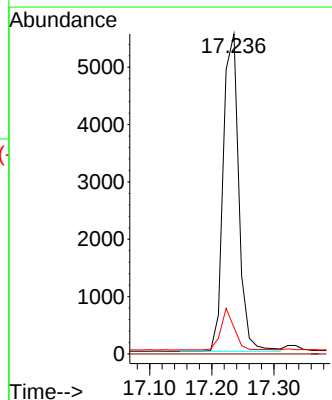
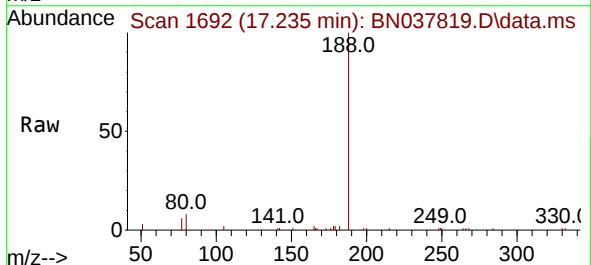
Instrument :
BNA_N
ClientSampleId :

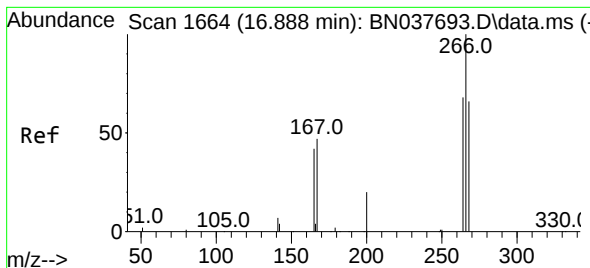
Tgt Ion:172 Resp: 7423
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.8 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

Tgt Ion:188 Resp: 9585
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 10.6 15.8#





#24

Pentachlorophenol

Concen: 0.022 ng

RT: 16.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037819.D

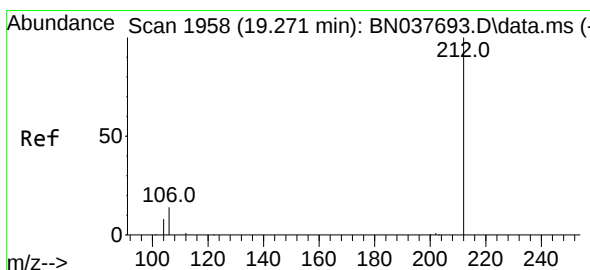
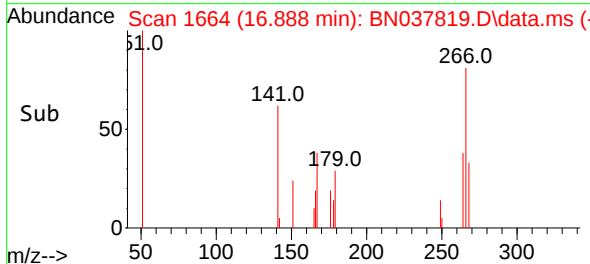
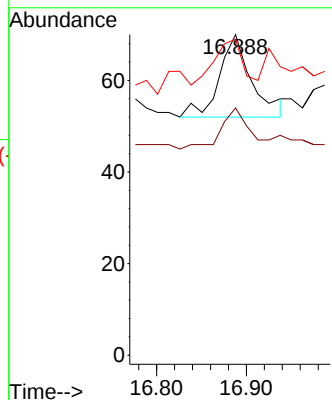
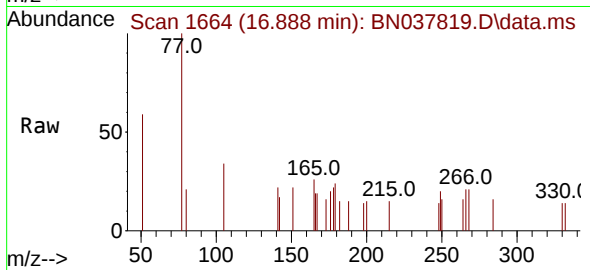
Acq: 19 Sep 2025 17:58

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	266	Resp:	45
Ion Ratio	Lower	Upper	
266	100		
264	44.4	51.6	77.4#
268	48.9	53.2	79.8#



#27

Fluoranthene-d10

Concen: 0.336 ng

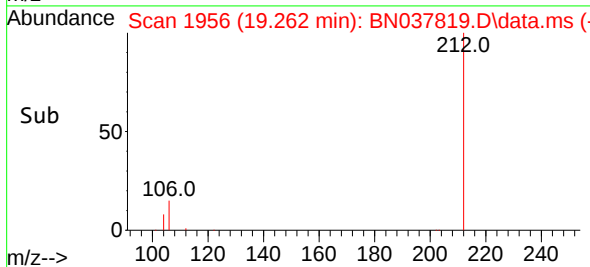
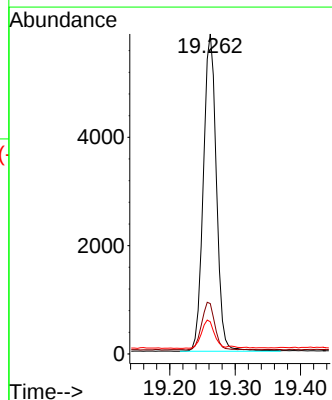
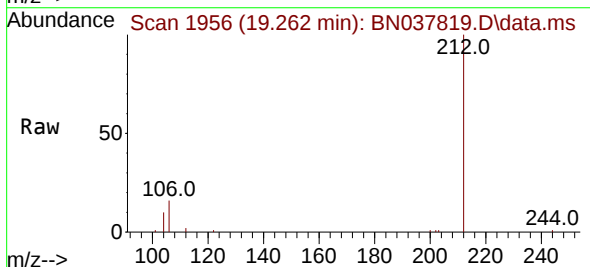
RT: 19.262 min Scan# 1956

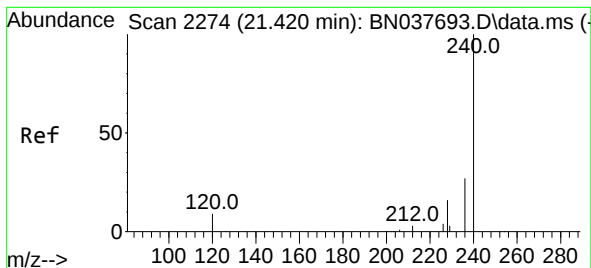
Delta R.T. -0.009 min

Lab File: BN037819.D

Acq: 19 Sep 2025 17:58

Tgt Ion:	212	Resp:	8095
Ion Ratio	Lower	Upper	
212	100		
106	15.2	12.2	18.2
104	8.8	6.9	10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.411 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037819.D

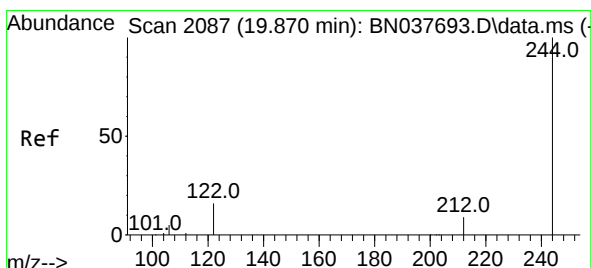
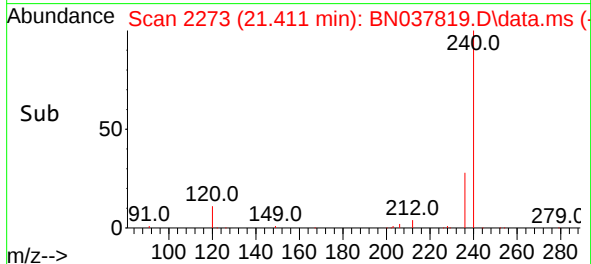
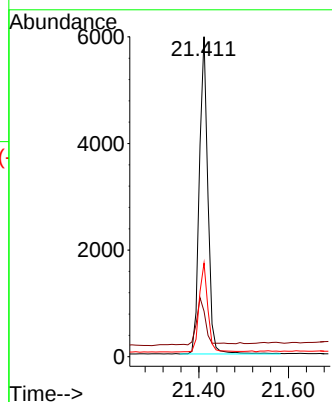
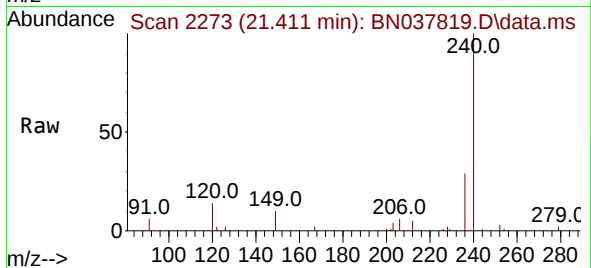
Acq: 19 Sep 2025 17:58

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	240	Resp:	7866
Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.2	13.8#
236	29.2	22.6	33.8



#31

Terphenyl-d14

Concen: 0.388 ng

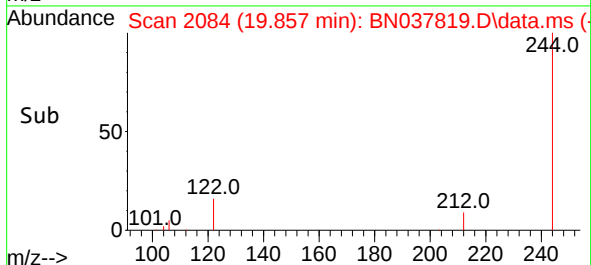
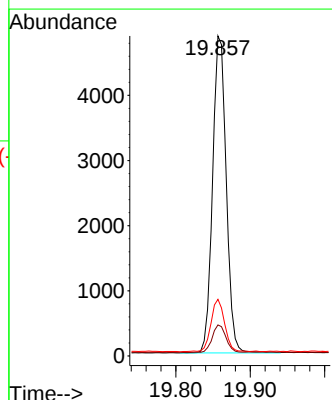
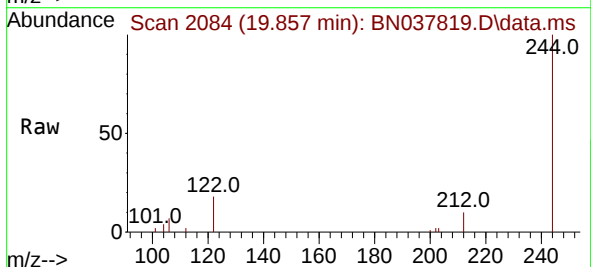
RT: 19.857 min Scan# 2084

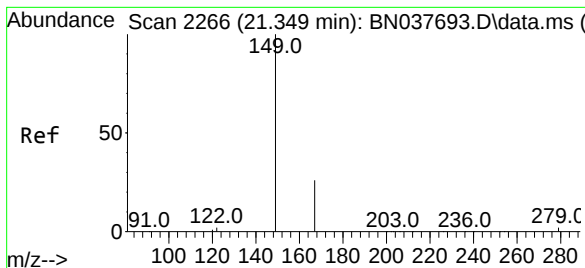
Delta R.T. -0.014 min

Lab File: BN037819.D

Acq: 19 Sep 2025 17:58

Tgt Ion:	244	Resp:	6189
Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.5	11.3
122	17.7	13.2	19.8

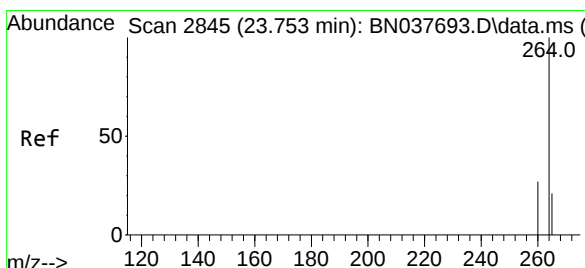
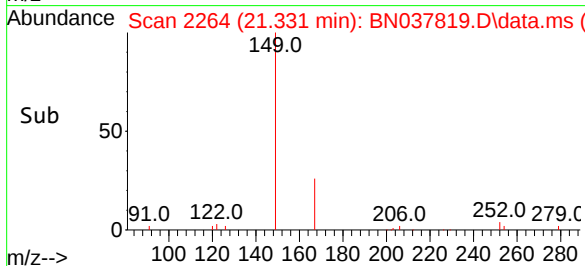
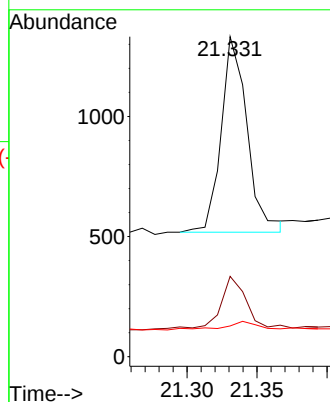
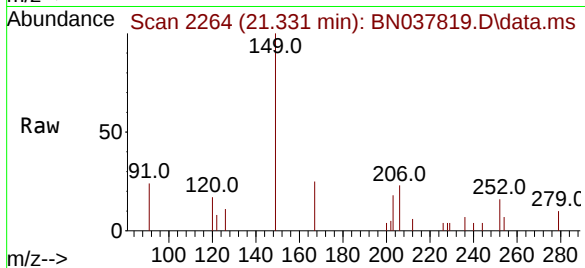




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.130 ng
 RT: 21.331 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037819.D
 Acq: 19 Sep 2025 17:58

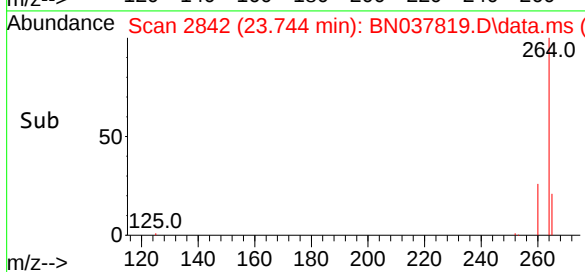
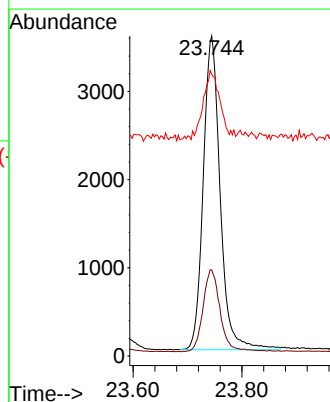
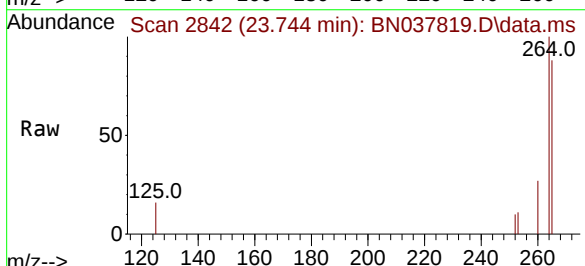
Instrument :
 BNA_N
 ClientSampleId :

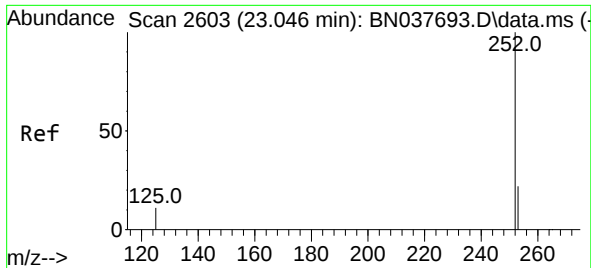
Tgt Ion:149 Resp: 1054
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.8 31.2
 279 5.8 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.744 min Scan# 2842
 Delta R.T. -0.009 min
 Lab File: BN037819.D
 Acq: 19 Sep 2025 17:58

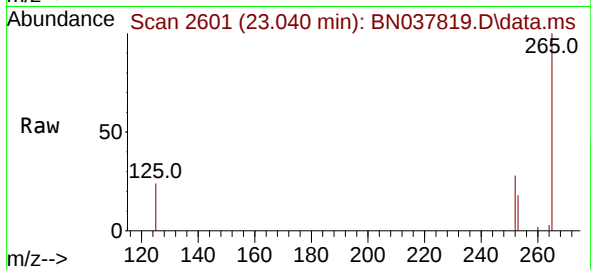
Tgt Ion:264 Resp: 7673
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.8 32.8
 265 88.1 39.4 59.2#





#37
Benzo(b)fluoranthene
Concen: 0.022 ng
RT: 23.040 min Scan# 20
Delta R.T. -0.006 min
Lab File: BN037819.D
Acq: 19 Sep 2025 17:58

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:252 Resp: 664
Ion Ratio Lower Upper
252 100
253 64.6 19.4 29.2#
125 85.5 11.2 16.8#

