

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037747.D
 Acq On : 17 Sep 2025 15:47
 Operator : RC/JU
 Sample : Q3095-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW305I-20250908

Quant Time: Sep 17 16:23:31 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)

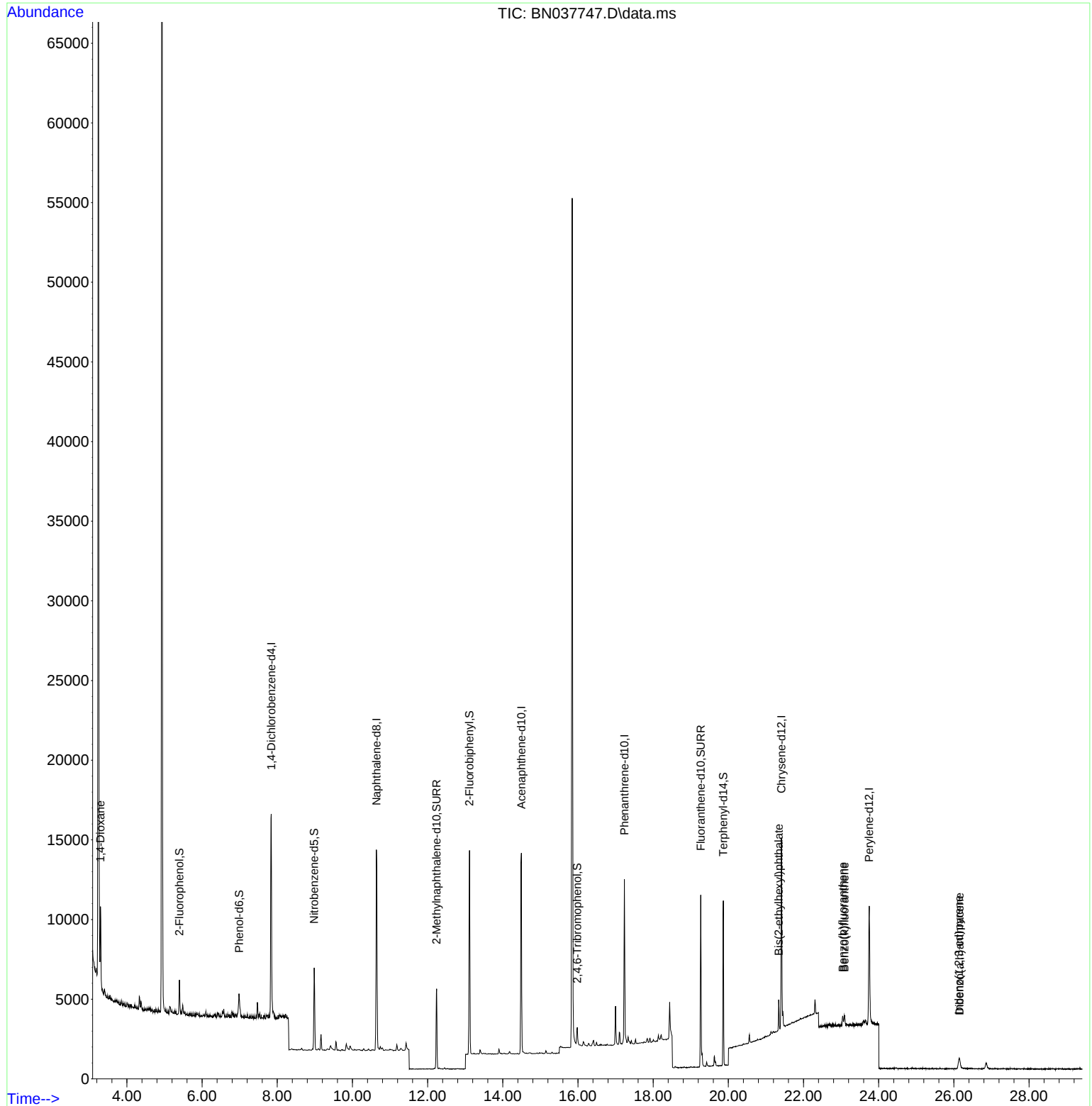
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	6426	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17307	0.400	ng	-0.01
13) Acenaphthene-d10	14.494	164	7564	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	13404	0.400	ng	0.00
29) Chrysene-d12	21.411	240	10925	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	10440	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1544	0.105	ng	0.00
5) Phenol-d6	6.988	99	1164	0.061	ng	0.00
8) Nitrobenzene-d5	8.982	82	4046	0.320	ng	-0.01
11) 2-Methylnaphthalene-d10	12.238	152	6653	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	732	0.371	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	10498	0.332	ng	0.00
27) Fluoranthene-d10	19.266	212	11763	0.350	ng	0.00
31) Terphenyl-d14	19.866	244	9368	0.422	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.297	88	2844	0.425	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.340	149	1967	0.174	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.139	276	885	0.020	ng	# 87
37) Benzo(b)fluoranthene	23.043	252	854	0.021	ng	# 3
38) Benzo(k)fluoranthene	23.090	252	842	0.020	ng	# 3
40) Dibenzo(a,h)anthracene	26.154	278	767	0.022	ng	# 6

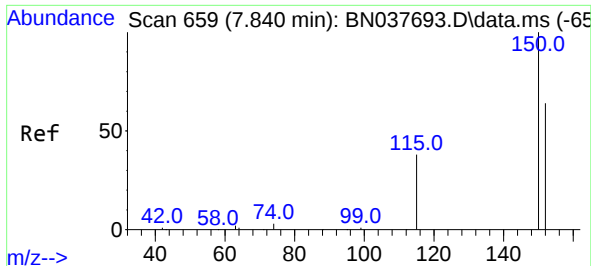
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037747.D
Acq On : 17 Sep 2025 15:47
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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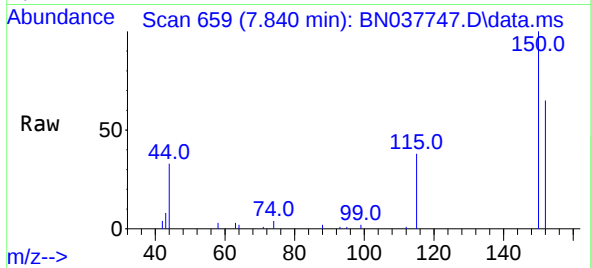
Quant Time: Sep 17 16:23:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



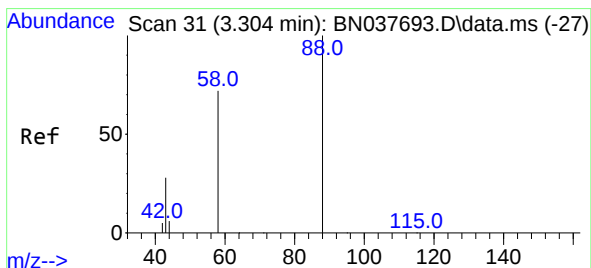
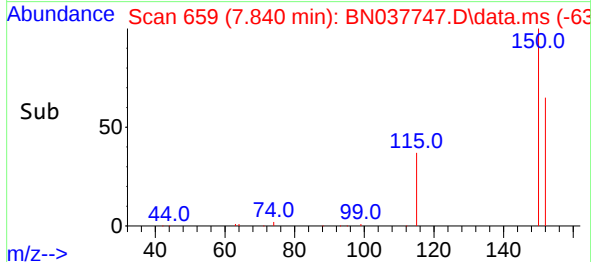
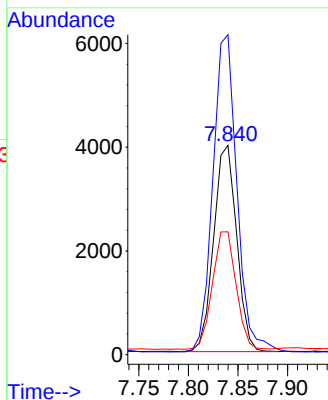


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

Instrument :
BNA_N
ClientSampleId :
MW305I-20250908

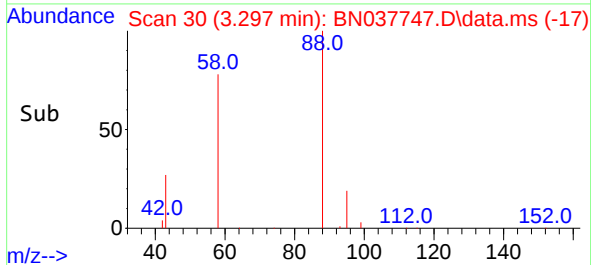
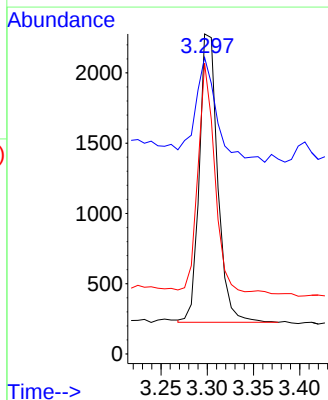
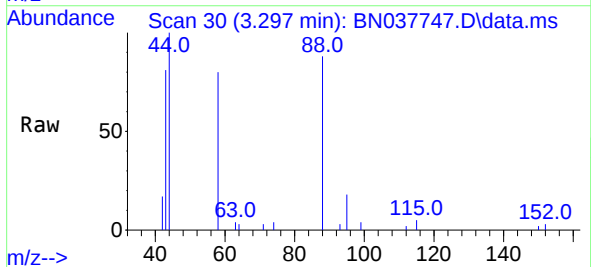


Tgt Ion:152 Resp: 6426
Ion Ratio Lower Upper
152 100
150 152.9 124.5 186.7
115 58.7 49.2 73.8



#2
1,4-Dioxane
Concen: 0.425 ng
RT: 3.297 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

Tgt Ion: 88 Resp: 2844
Ion Ratio Lower Upper
88 100
43 42.9 26.8 40.2#
58 74.3 61.9 92.9

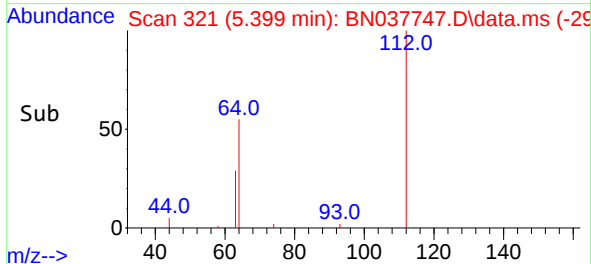
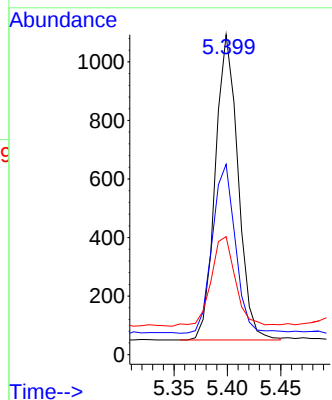
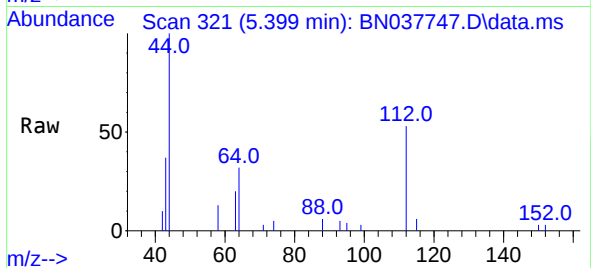




#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

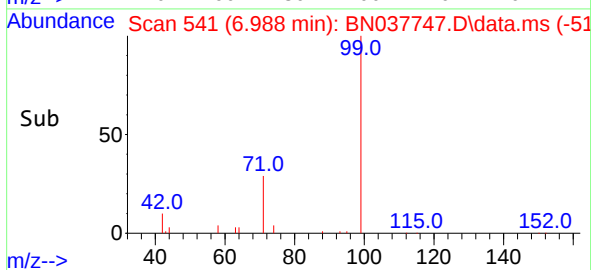
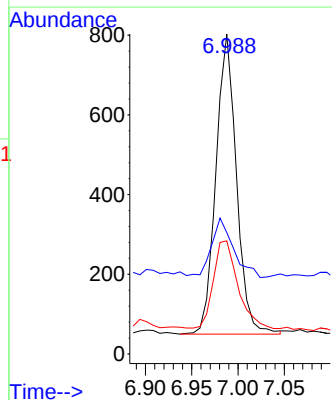
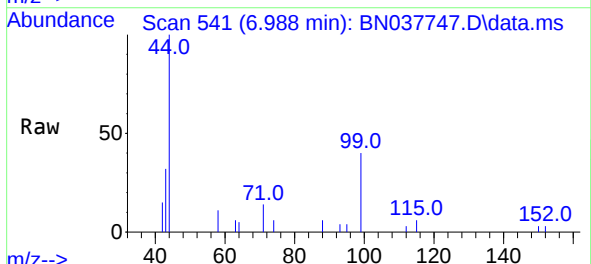
Instrument :
BNA_N
ClientSampleId :
MW305I-20250908

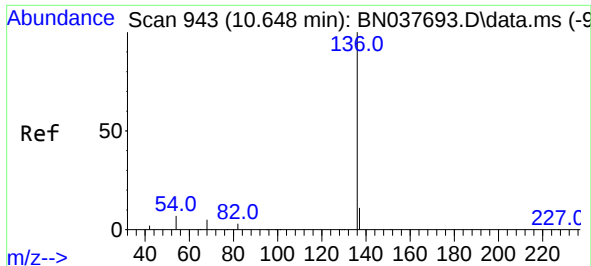
Tgt Ion:112 Resp: 1544
Ion Ratio Lower Upper
112 100
64 56.2 44.9 67.3
63 31.5 24.7 37.1



#5
Phenol-d6
Concen: 0.061 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

Tgt Ion: 99 Resp: 1164
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 34.9 26.7 40.1

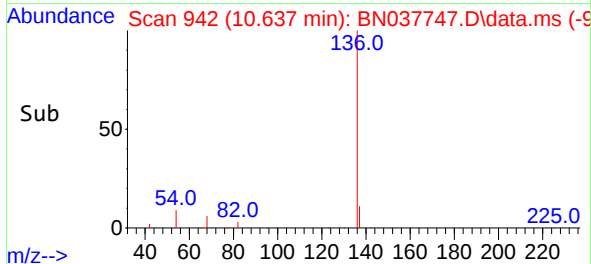
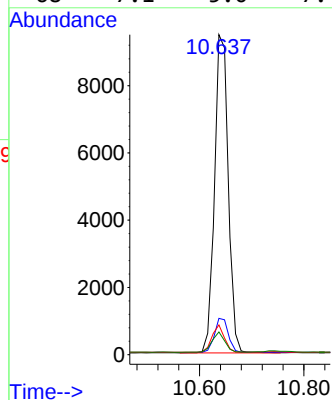
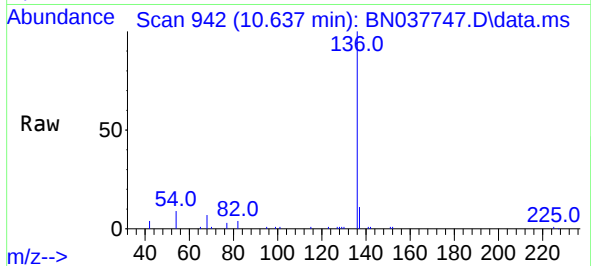




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

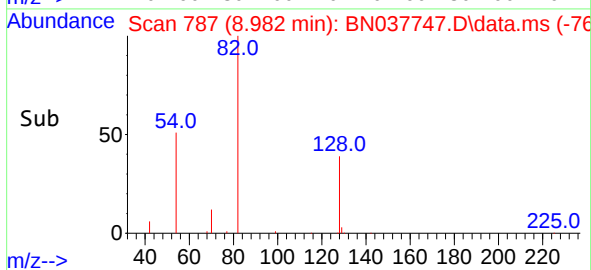
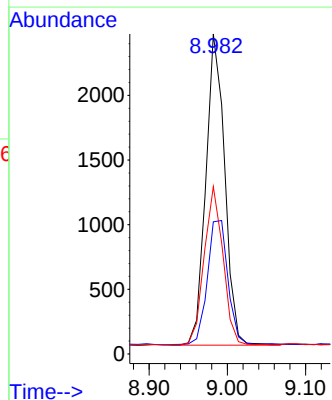
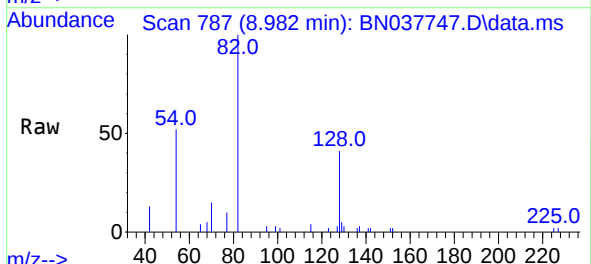
Instrument :
BNA_N
ClientSampleId :
MW305I-20250908

Tgt Ion:	136	Resp:	17307
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.3	6.3	9.5
68	7.1	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.320 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

Tgt Ion:	82	Resp:	4046
Ion	Ratio	Lower	Upper
82	100		
128	41.3	38.3	57.5
54	52.3	41.4	62.2

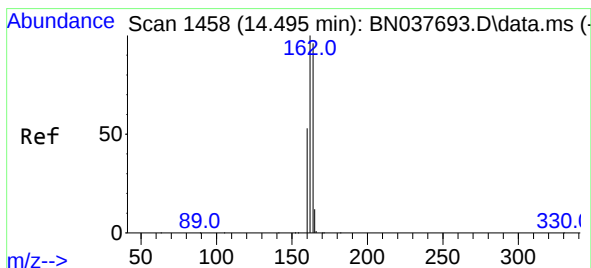
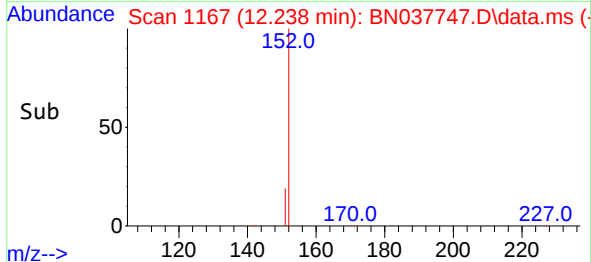
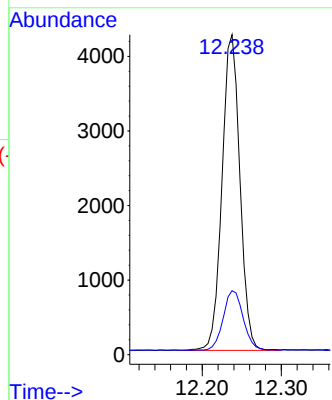
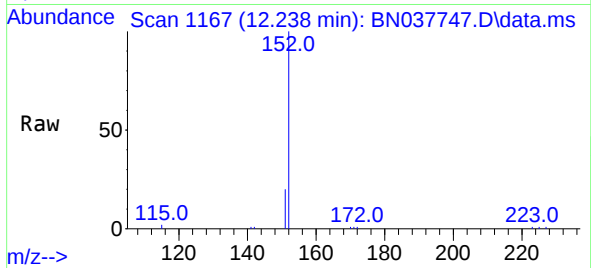




#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

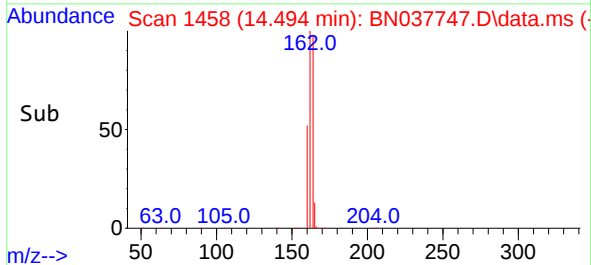
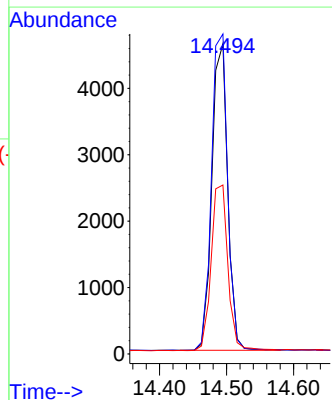
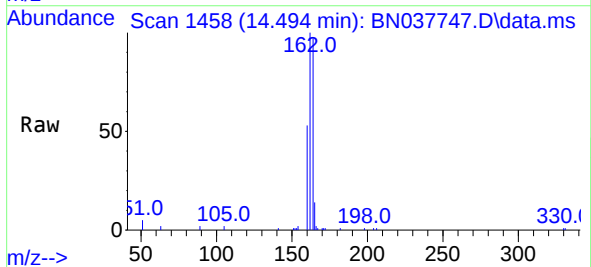
Instrument :
BNA_N
ClientSampleId :
MW305I-20250908

Tgt Ion:152 Resp: 6653
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.494 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

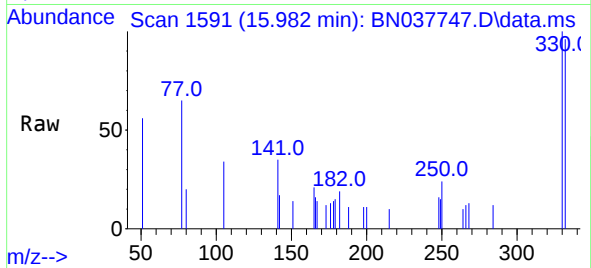
Tgt Ion:164 Resp: 7564
Ion Ratio Lower Upper
164 100
162 103.2 83.1 124.7
160 54.5 44.3 66.5



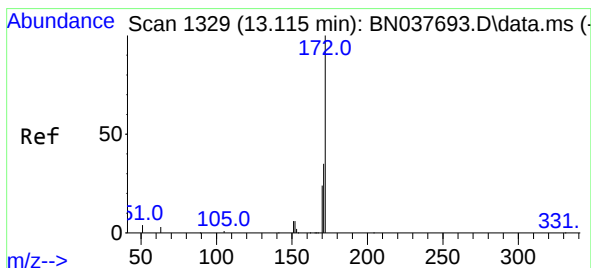
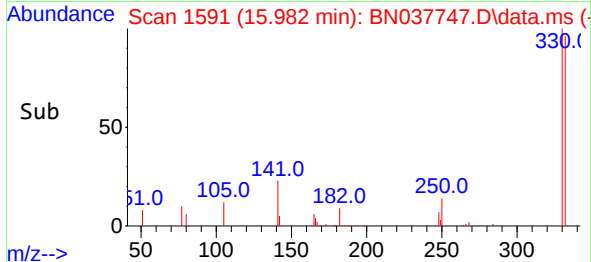
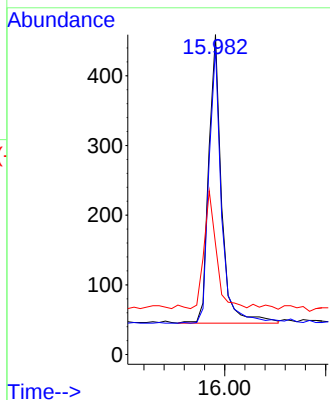


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

Instrument :
BNA_N
ClientSampleId :
MW305I-20250908

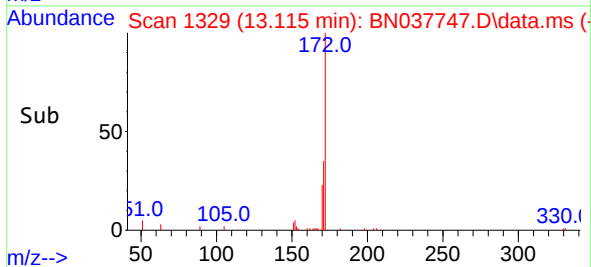
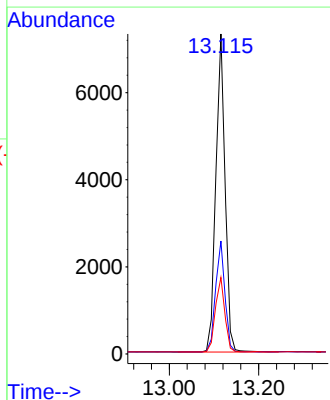
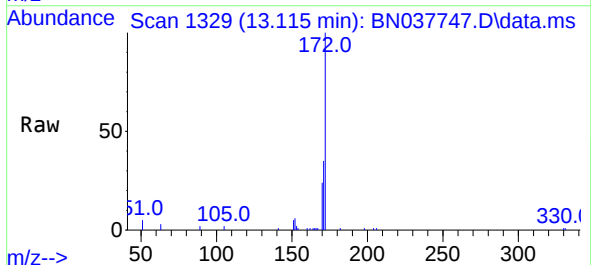


Tgt Ion:330 Resp: 732
Ion Ratio Lower Upper
330 100
332 93.6 75.3 112.9
141 38.9 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

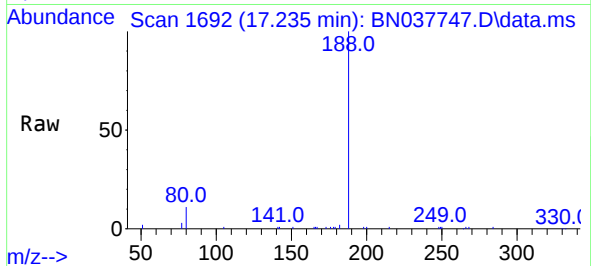
Tgt Ion:172 Resp: 10498
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.9 19.8 29.8



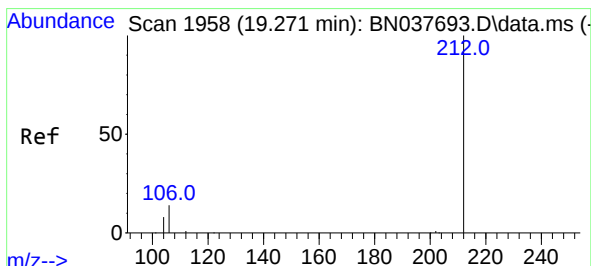
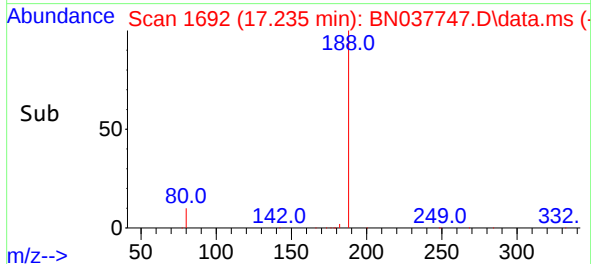
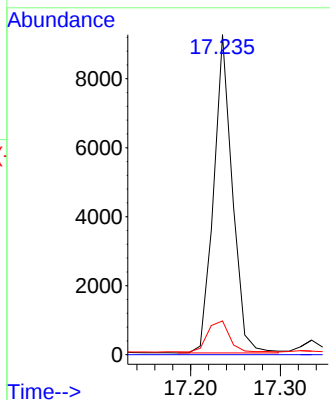


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

Instrument :
BNA_N
ClientSampleId :
MW305I-20250908

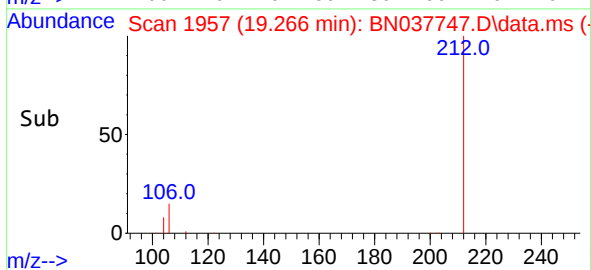
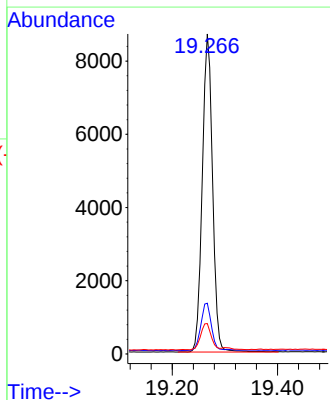
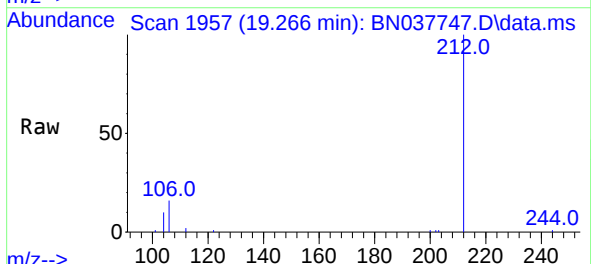


Tgt Ion:188 Resp: 13404
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.266 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

Tgt Ion:212 Resp: 11763
Ion Ratio Lower Upper
212 100
106 15.2 12.2 18.2
104 8.5 6.9 10.3

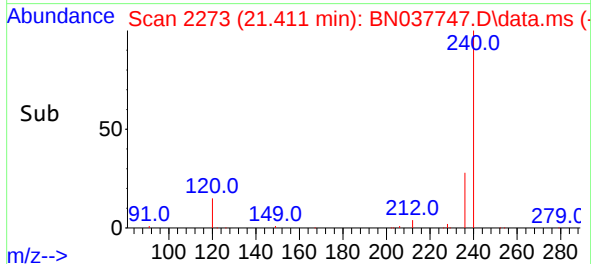
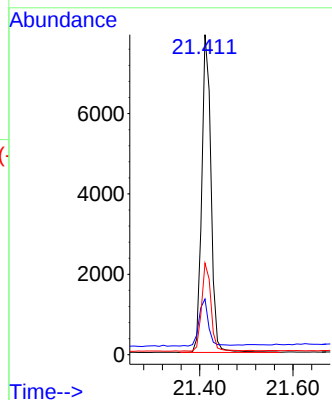
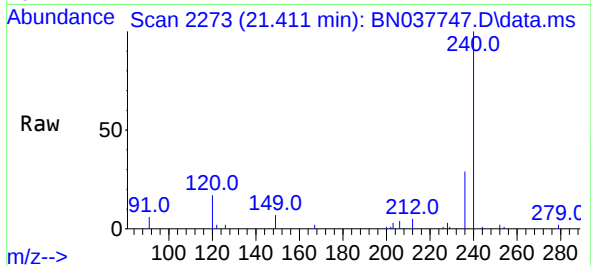




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

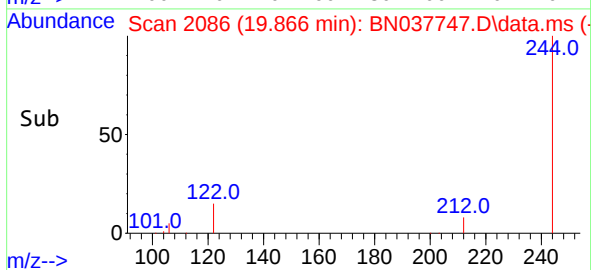
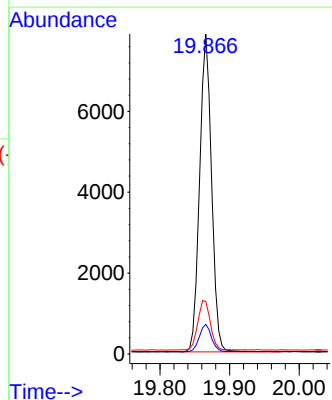
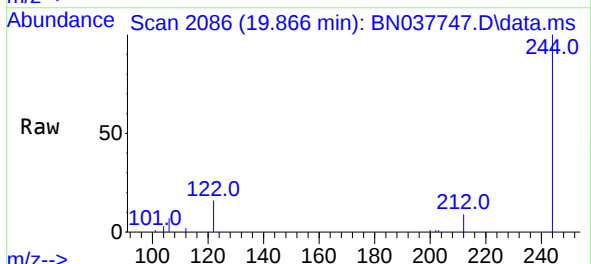
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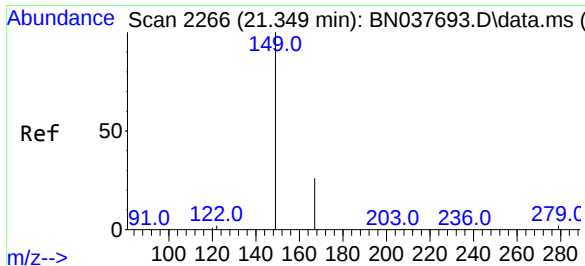
Tgt Ion:240 Resp: 10925
Ion Ratio Lower Upper
240 100
120 17.4 9.2 13.8#
236 28.6 22.6 33.8



#31
Terphenyl-d14
Concen: 0.422 ng
RT: 19.866 min Scan# 2086
Delta R.T. -0.005 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

Tgt Ion:244 Resp: 9368
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 16.4 13.2 19.8

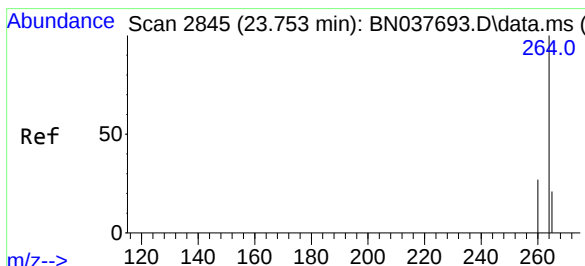
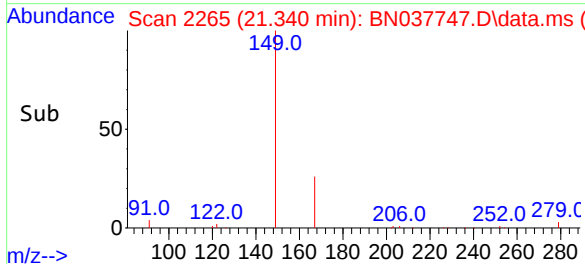
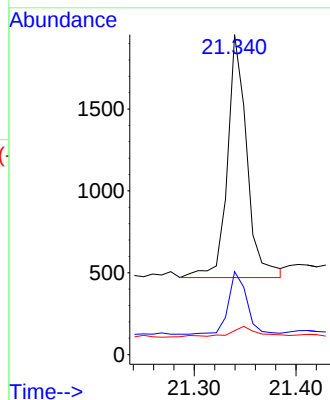
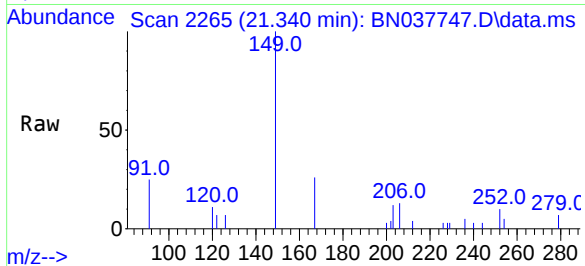




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.174 ng
RT: 21.340 min Scan# 2134
Delta R.T. -0.009 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

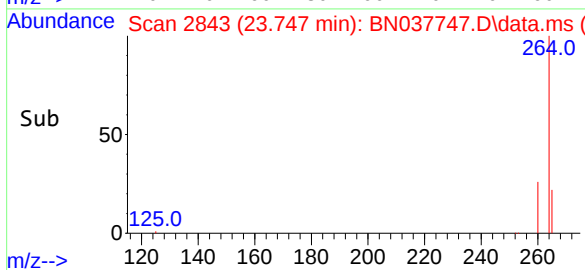
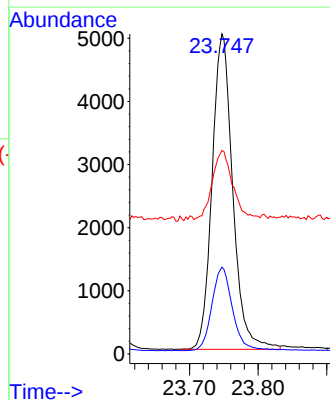
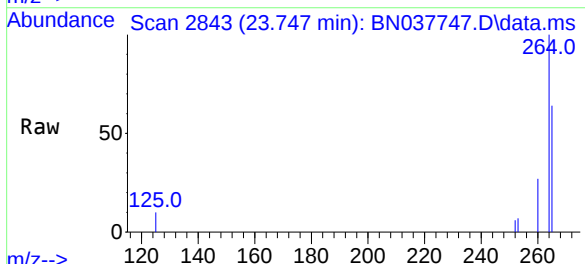
Instrument :
BNA_N
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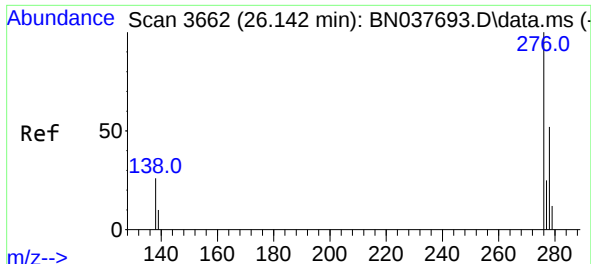
Tgt Ion:149 Resp: 1967
Ion Ratio Lower Upper
149 100
167 24.3 20.8 31.2
279 6.1 3.3 4.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

Tgt Ion:264 Resp: 10440
Ion Ratio Lower Upper
264 100
260 27.1 21.8 32.8
265 63.6 39.4 59.2#

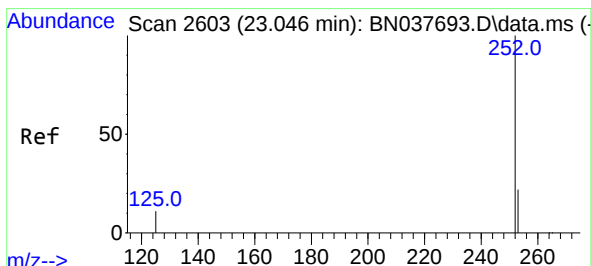
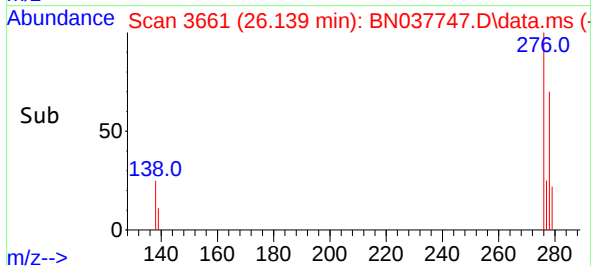
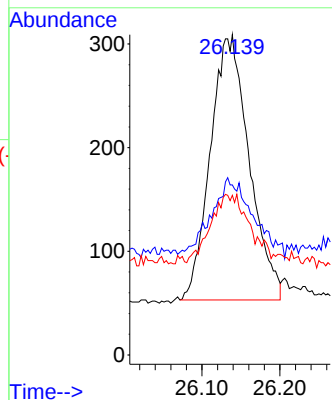
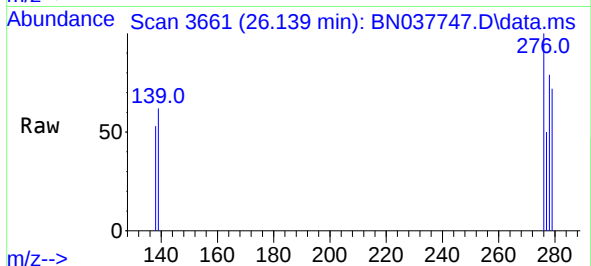




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 26.139 min Scan# 30
Delta R.T. -0.003 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

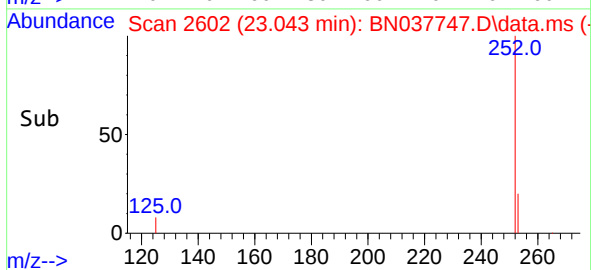
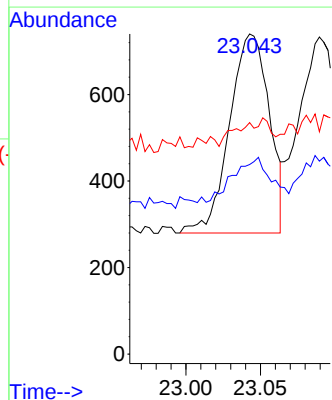
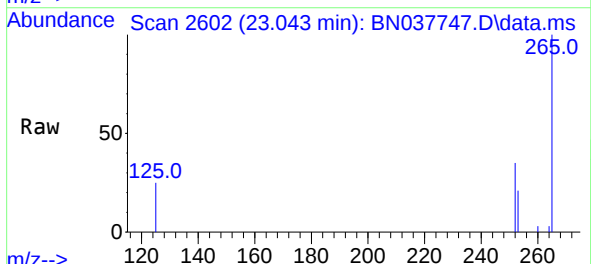
Instrument :
BNA_N
ClientSampleId :
MW305I-20250908

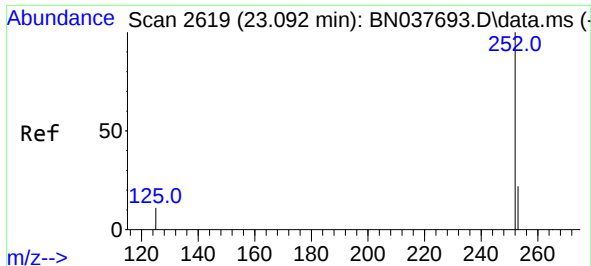
Tgt Ion:276 Resp: 885
Ion Ratio Lower Upper
276 100
138 28.8 21.9 32.9
277 13.2 20.1 30.1#



#37
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 23.043 min Scan# 2602
Delta R.T. -0.003 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

Tgt Ion:252 Resp: 854
Ion Ratio Lower Upper
252 100
253 59.2 19.4 29.2#
125 72.3 11.2 16.8#

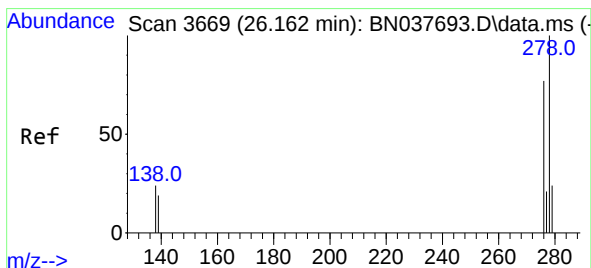
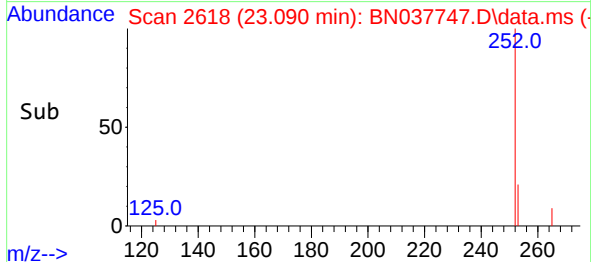
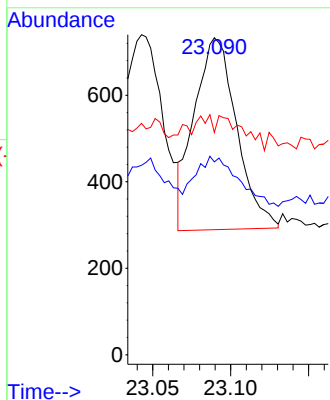
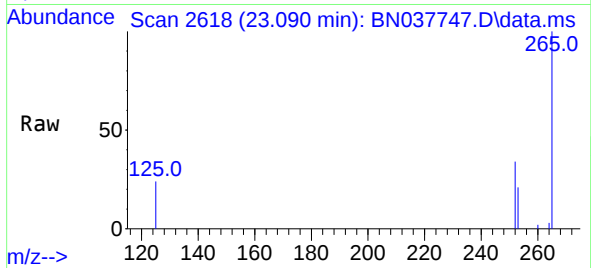




#38
Benzo(k)fluoranthene
Concen: 0.020 ng
RT: 23.090 min Scan# 2619
Delta R.T. -0.003 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

Instrument :
BNA_N
ClientSampleId :
MW305I-20250908

Tgt Ion:252 Resp: 842
Ion Ratio Lower Upper
252 100
253 60.8 19.4 29.0#
125 70.1 11.6 17.4#



#40
Dibenzo(a,h)anthracene
Concen: 0.022 ng
RT: 26.154 min Scan# 3666
Delta R.T. -0.009 min
Lab File: BN037747.D
Acq: 17 Sep 2025 15:47

Tgt Ion:278 Resp: 767
Ion Ratio Lower Upper
278 100
139 67.2 17.8 26.6#
279 76.5 22.0 33.0#

