

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037753.D
 Acq On : 17 Sep 2025 19:25
 Operator : RC/JU
 Sample : Q3095-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D1-20250909

Quant Time: Sep 18 05:01:01 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)

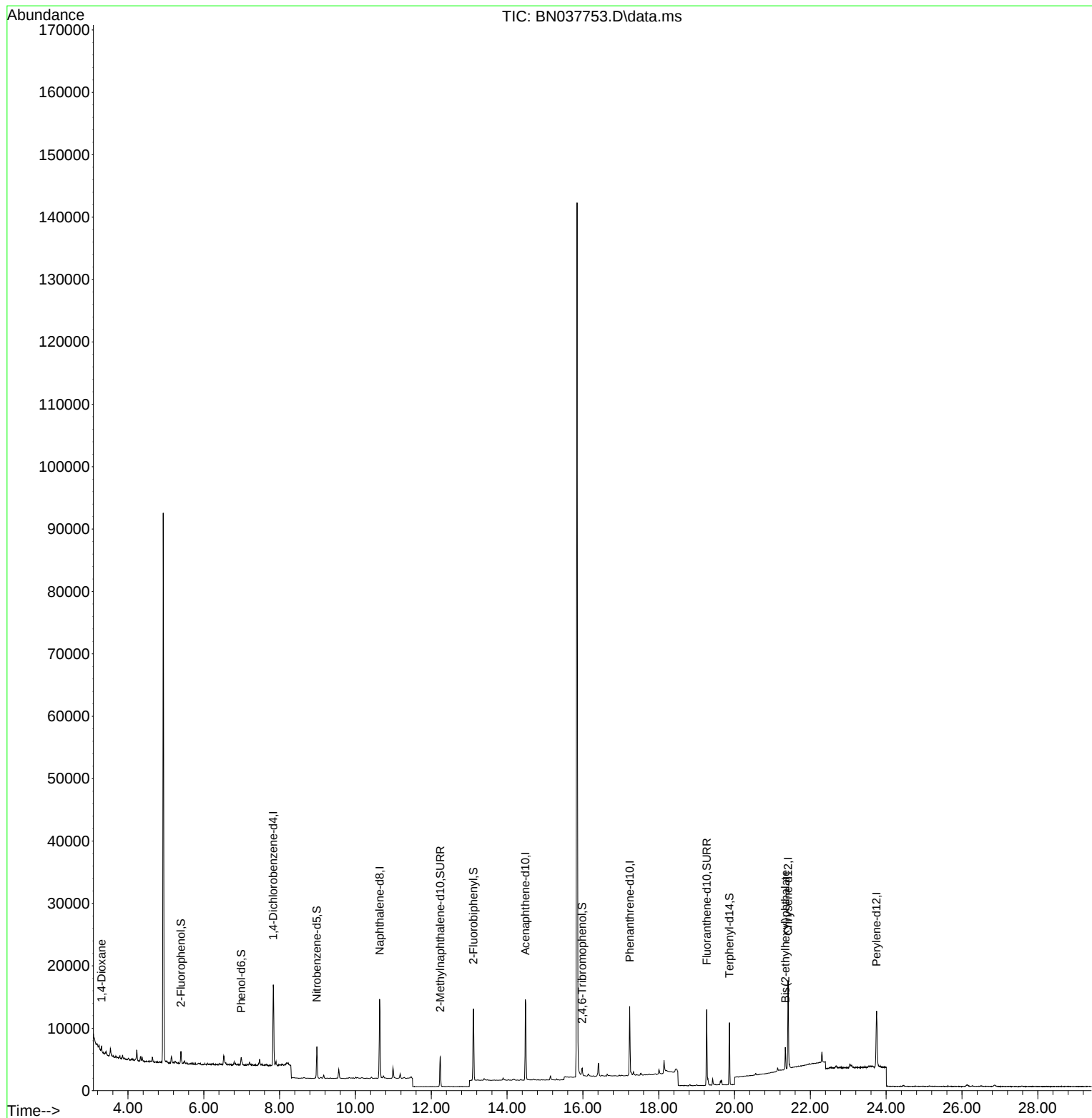
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6375	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17020	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7746	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	13901	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	12559	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	12839	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1556	0.106	ng	0.00
5) Phenol-d6	6.988	99	1116	0.059	ng	0.00
8) Nitrobenzene-d5	8.982	82	3852	0.309	ng	-0.01
11) 2-Methylnaphthalene-d10	12.238	152	6496	0.288	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	788	0.390	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	10071	0.311	ng	0.00
27) Fluoranthene-d10	19.266	212	13047	0.374	ng	0.00
31) Terphenyl-d14	19.866	244	9418	0.369	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.304	88	493	0.074	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.340	149	3423	0.264	ng	100

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

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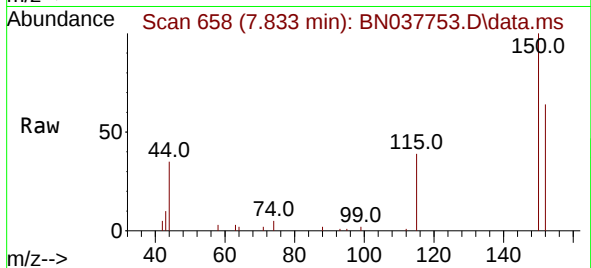
Quant Time: Sep 18 05:01:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



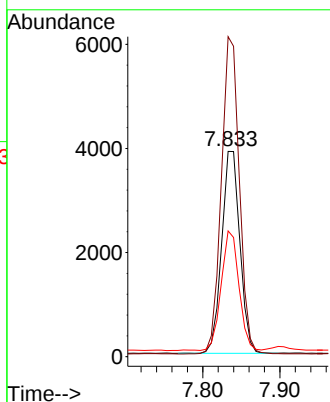
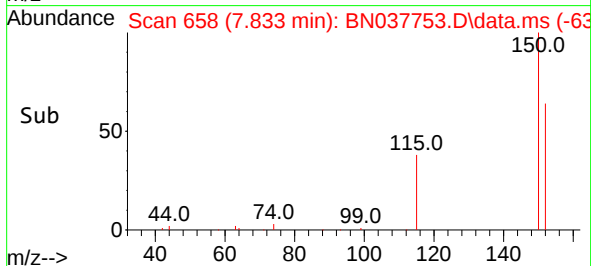


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037753.D
Acq: 17 Sep 2025 19:25

Instrument :
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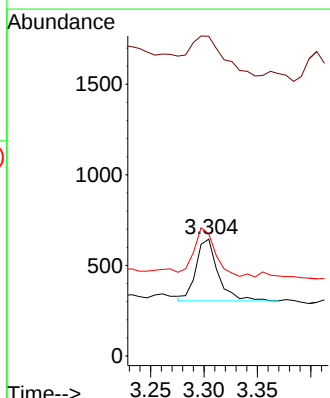
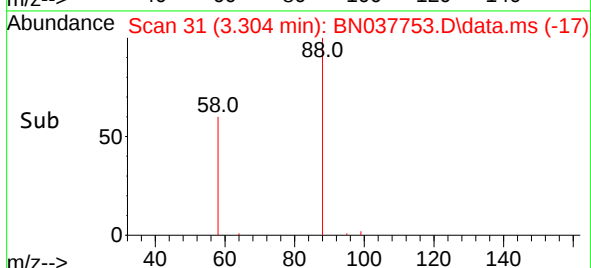
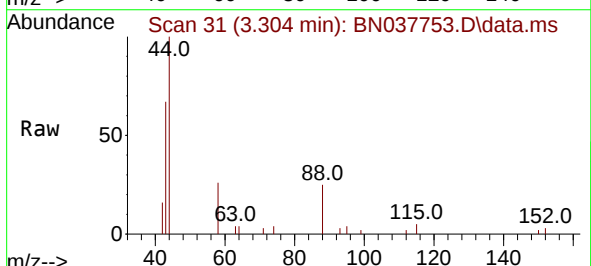


Tgt Ion:152 Resp: 6375
Ion Ratio Lower Upper
152 100
150 155.9 124.5 186.7
115 61.3 49.2 73.8



#2
1,4-Dioxane
Concen: 0.074 ng
RT: 3.304 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037753.D
Acq: 17 Sep 2025 19:25

Tgt Ion: 88 Resp: 493
Ion Ratio Lower Upper
88 100
43 98.2 26.8 40.2#
58 75.1 61.9 92.9

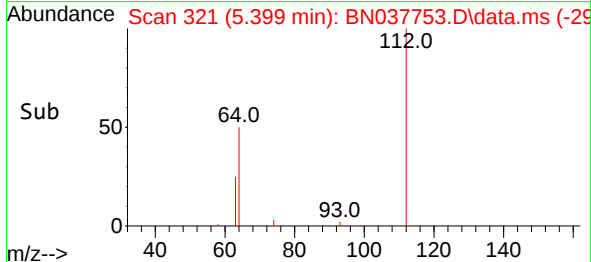
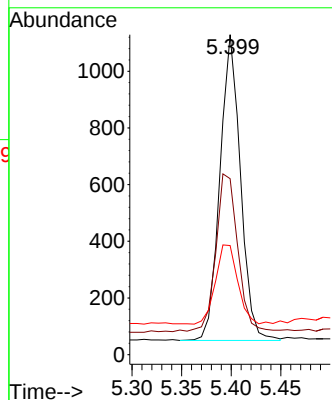
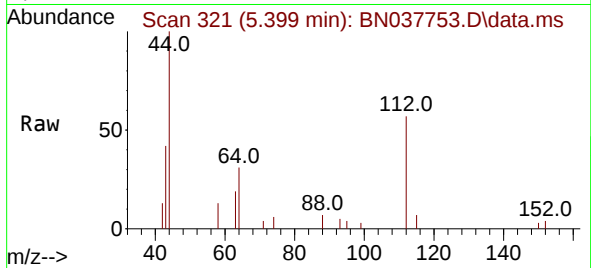




#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037753.D
Acq: 17 Sep 2025 19:25

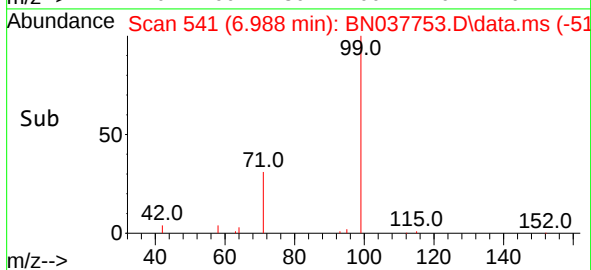
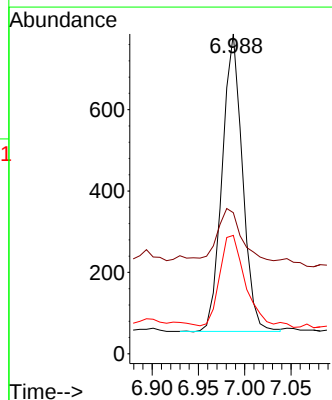
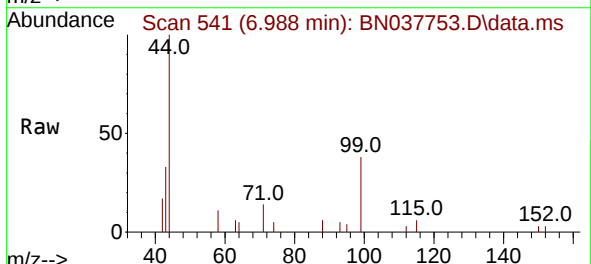
Instrument :
BNA_N
ClientSampleId :
MW201D1-20250909

Tgt Ion:112 Resp: 1556
Ion Ratio Lower Upper
112 100
64 55.1 44.9 67.3
63 27.9 24.7 37.1



#5
Phenol-d6
Concen: 0.059 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037753.D
Acq: 17 Sep 2025 19:25

Tgt Ion: 99 Resp: 1116
Ion Ratio Lower Upper
99 100
42 19.7 16.6 24.8
71 39.9 26.7 40.1

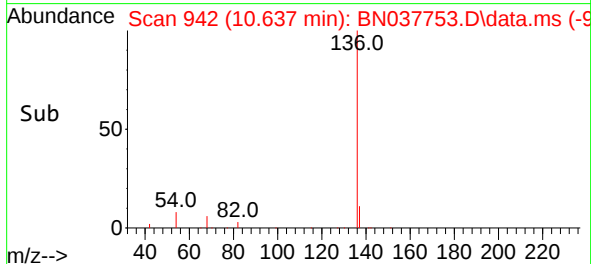
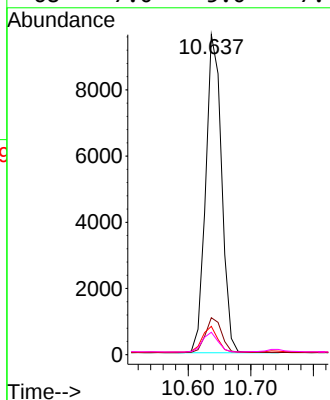
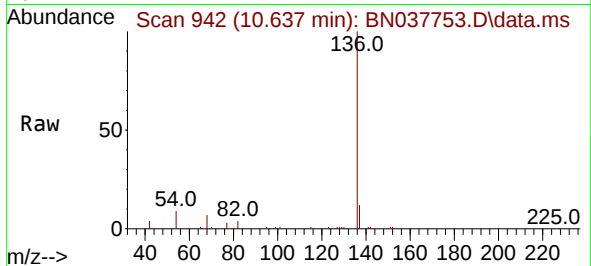




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037753.D
Acq: 17 Sep 2025 19:25

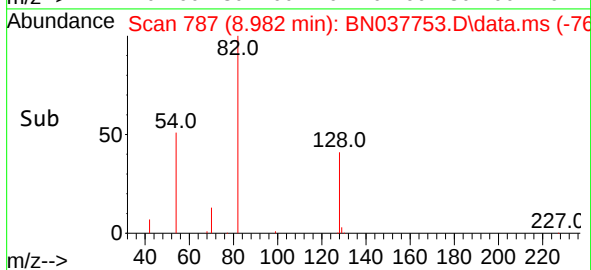
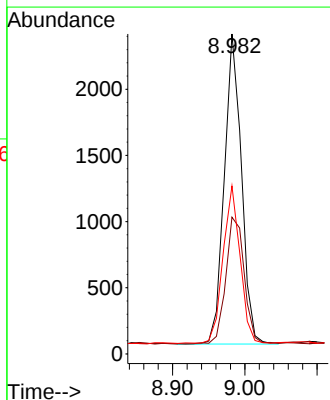
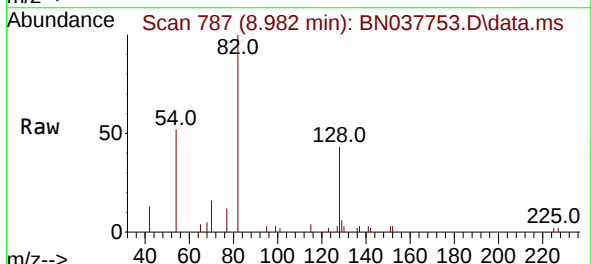
Instrument :
BNA_N
ClientSampleId :
MW201D1-20250909

Tgt Ion:	136	Resp:	17020
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.8	6.3	9.5
68	7.0	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037753.D
Acq: 17 Sep 2025 19:25

Tgt Ion:	82	Resp:	3852
Ion	Ratio	Lower	Upper
82	100		
128	42.8	38.3	57.5
54	52.5	41.4	62.2

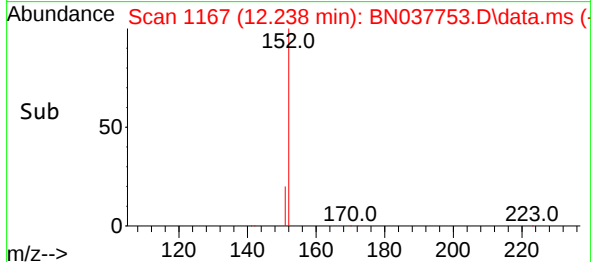
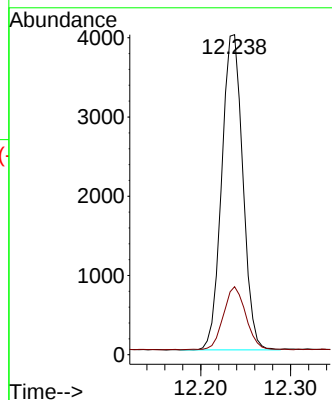
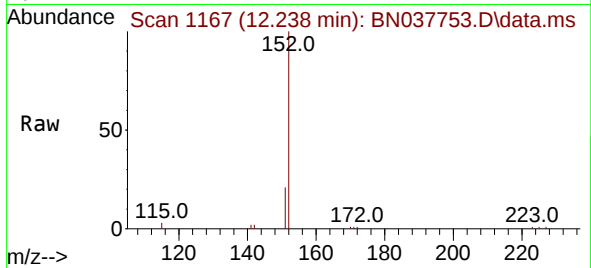




#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN037753.D
Acq: 17 Sep 2025 19:25

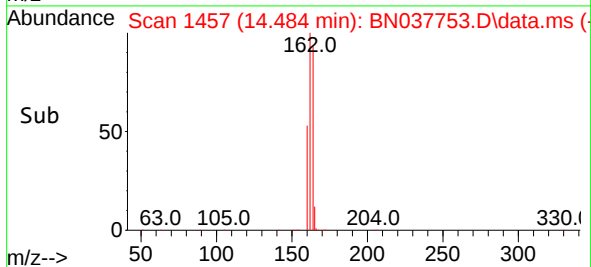
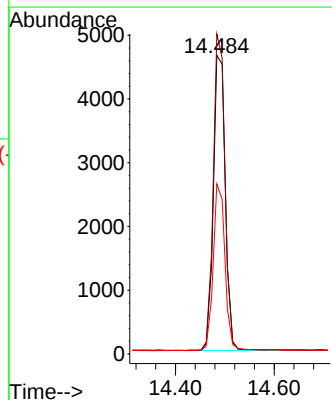
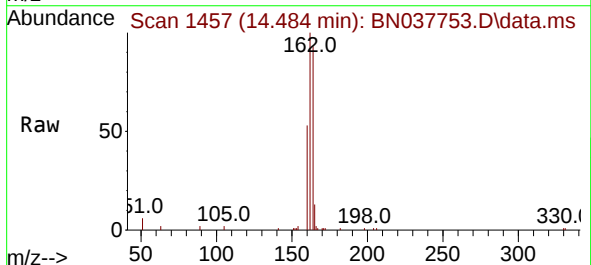
Instrument :
BNA_N
ClientSampleId :
MW201D1-20250909

Tgt Ion:152 Resp: 6496
Ion Ratio Lower Upper
152 100
151 21.2 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: BN037753.D
Acq: 17 Sep 2025 19:25

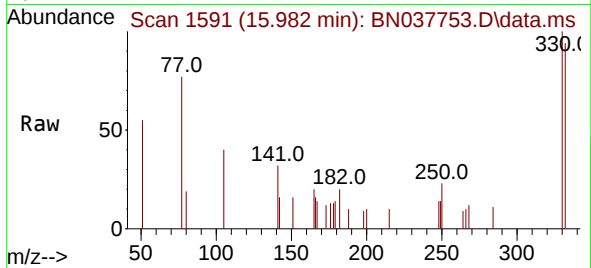
Tgt Ion:164 Resp: 7746
Ion Ratio Lower Upper
164 100
162 107.2 83.1 124.7
160 57.0 44.3 66.5



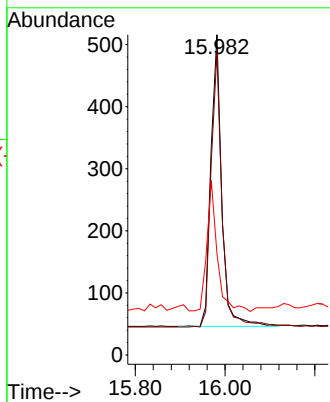
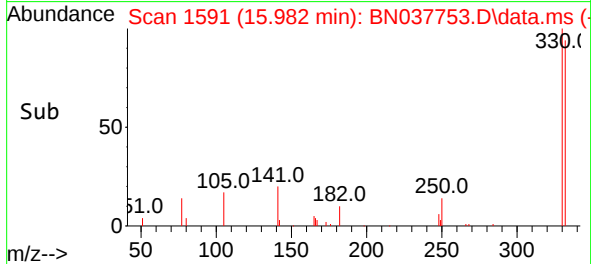


#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037753.D
Acq: 17 Sep 2025 19:25

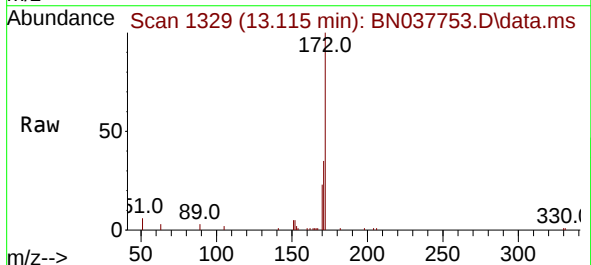
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ClientSampleId :
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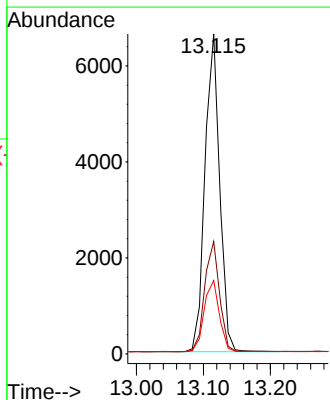
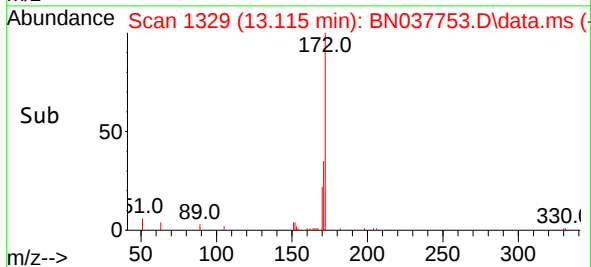
Tgt Ion:330 Resp: 788
Ion Ratio Lower Upper
330 100
332 94.8 75.3 112.9
141 42.8 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037753.D
Acq: 17 Sep 2025 19:25



Tgt Ion:172 Resp: 10071
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.0 19.8 29.8

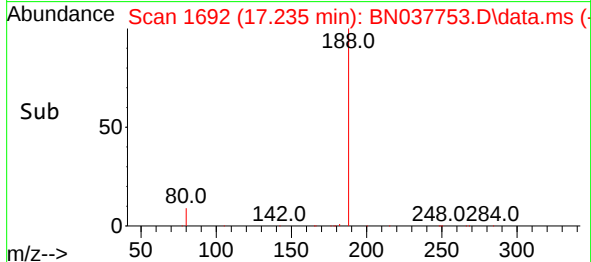
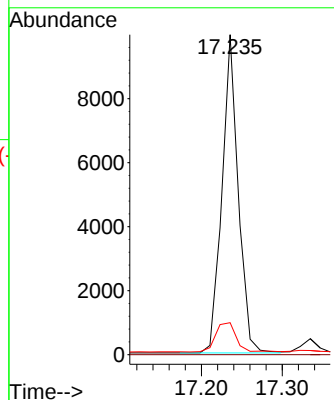
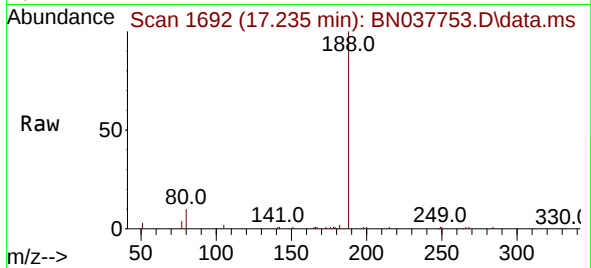




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037753.D
Acq: 17 Sep 2025 19:25

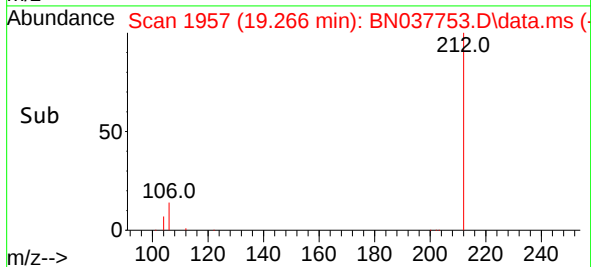
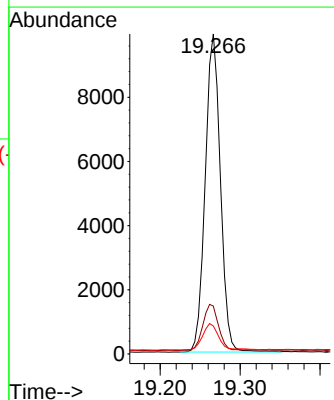
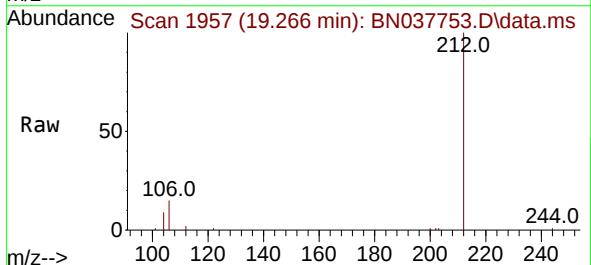
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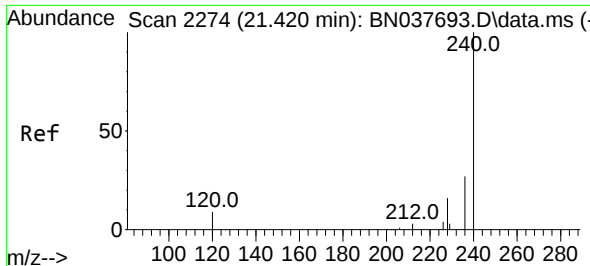
Tgt Ion:188 Resp: 13901
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.266 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037753.D
Acq: 17 Sep 2025 19:25

Tgt Ion:212 Resp: 13047
Ion Ratio Lower Upper
212 100
106 15.3 12.2 18.2
104 8.5 6.9 10.3

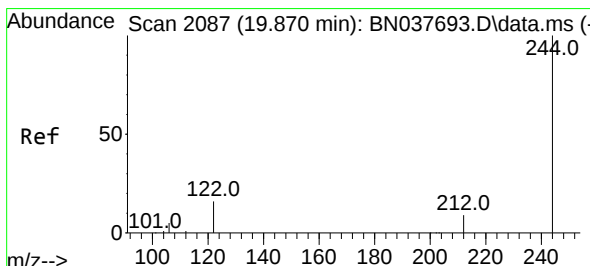
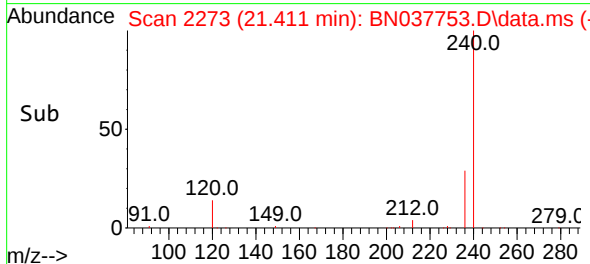
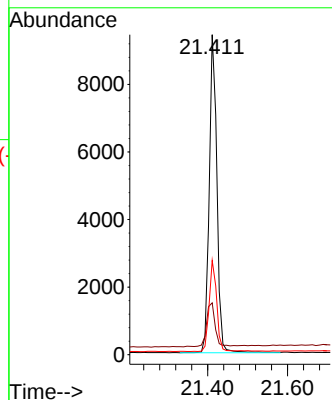
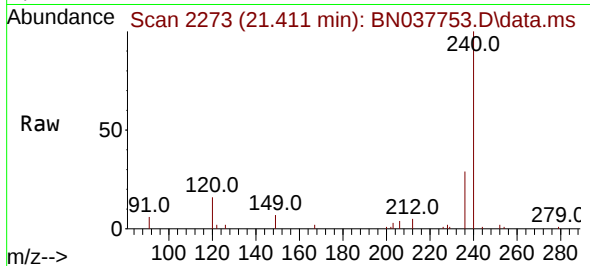




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037753.D
Acq: 17 Sep 2025 19:25

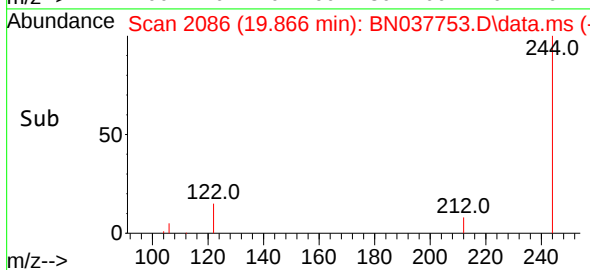
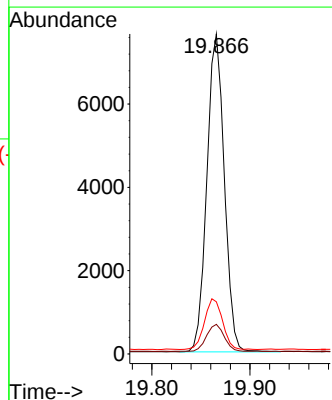
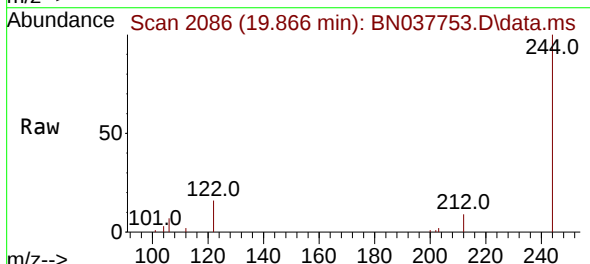
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Tgt Ion:240 Resp: 12559
Ion Ratio Lower Upper
240 100
120 16.2 9.2 13.8#
236 29.5 22.6 33.8



#31
Terphenyl-d14
Concen: 0.369 ng
RT: 19.866 min Scan# 2086
Delta R.T. -0.005 min
Lab File: BN037753.D
Acq: 17 Sep 2025 19:25

Tgt Ion:244 Resp: 9418
Ion Ratio Lower Upper
244 100
212 9.3 7.5 11.3
122 16.3 13.2 19.8

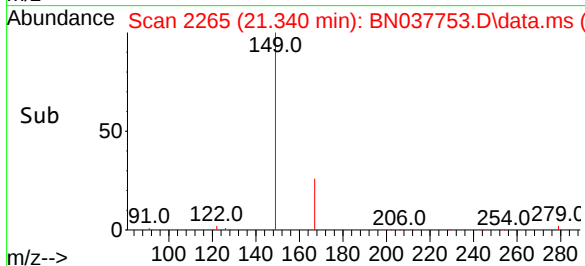
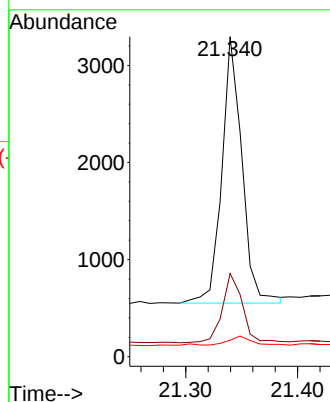
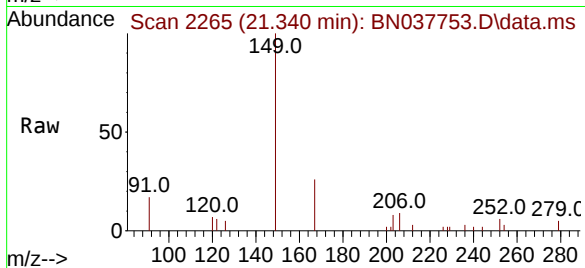




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.264 ng
RT: 21.340 min Scan# 2134
Delta R.T. -0.009 min
Lab File: BN037753.D
Acq: 17 Sep 2025 19:25

Instrument :
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Tgt Ion:149 Resp: 3423
Ion Ratio Lower Upper
149 100
167 26.1 20.8 31.2
279 3.8 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: BN037753.D
Acq: 17 Sep 2025 19:25

Tgt Ion:264 Resp: 12839
Ion Ratio Lower Upper
264 100
260 26.6 21.8 32.8
265 58.2 39.4 59.2

