

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037765.D
 Acq On : 18 Sep 2025 06:23
 Operator : RC/JU
 Sample : Q3095-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20250909

Quant Time: Sep 18 07:55:01 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)

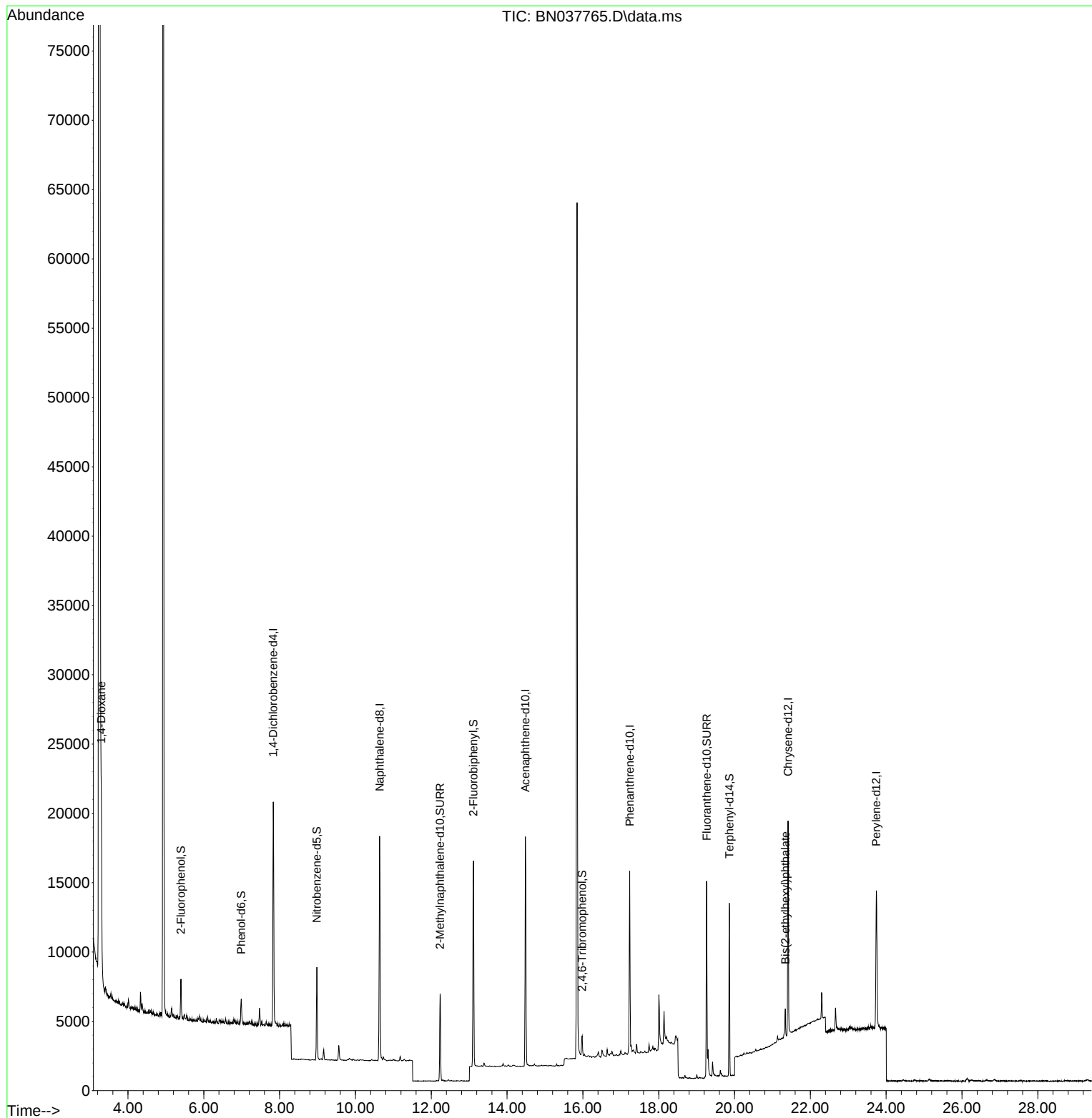
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	7819	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	21320	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	9718	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	17159	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	13647	0.400	ng	# 0.00
35) Perylene-d12	23.742	264	14246	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2247	0.125	ng	0.00
5) Phenol-d6	6.988	99	1627	0.070	ng	0.00
8) Nitrobenzene-d5	8.982	82	5074	0.325	ng	-0.01
11) 2-Methylnaphthalene-d10	12.233	152	8485	0.300	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	988	0.390	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	13429	0.330	ng	0.00
27) Fluoranthene-d10	19.267	212	15856	0.368	ng	0.00
31) Terphenyl-d14	19.861	244	11784	0.425	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	4197	0.515	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.340	149	2344	0.166	ng	98

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

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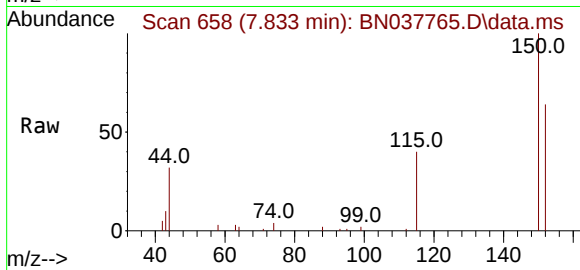
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



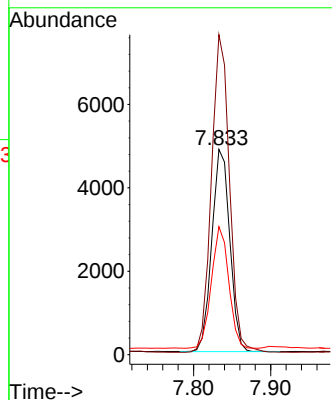
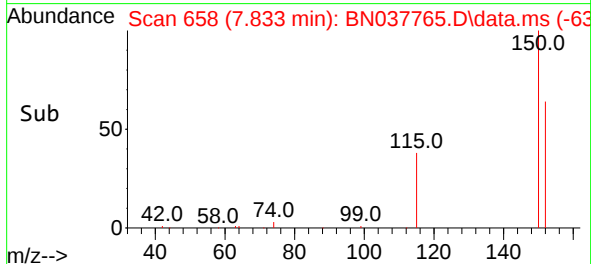


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037765.D
 Acq: 18 Sep 2025 06:23

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20250909

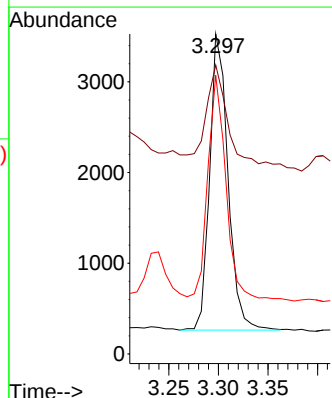
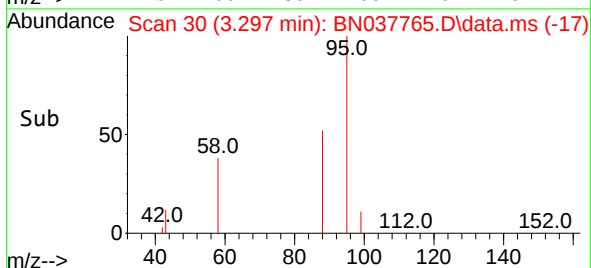
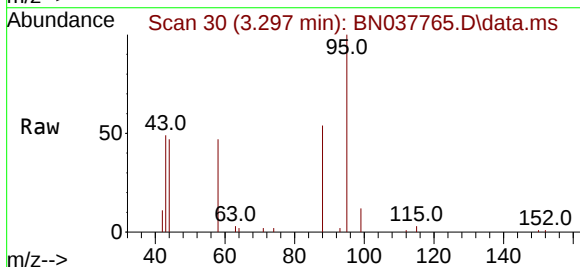


Tgt Ion:152 Resp: 7819
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.5 186.7
 115 62.3 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.515 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037765.D
 Acq: 18 Sep 2025 06:23

Tgt Ion: 88 Resp: 4197
 Ion Ratio Lower Upper
 88 100
 43 41.9 26.8 40.2#
 58 74.5 61.9 92.9

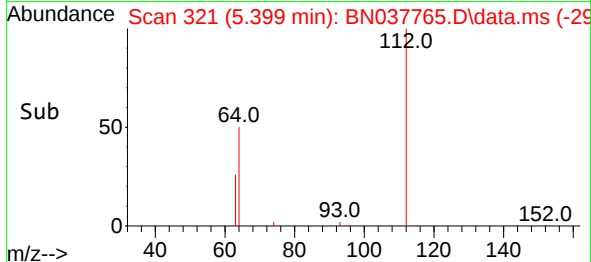
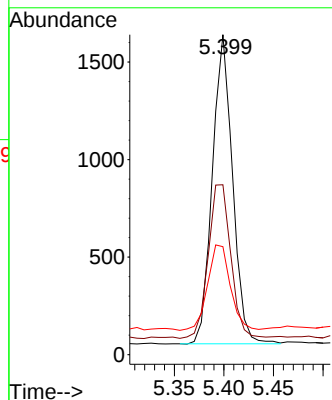
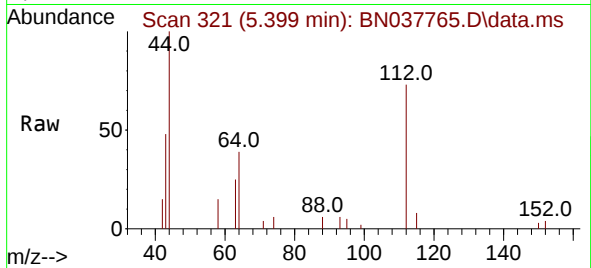




#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.399 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037765.D
Acq: 18 Sep 2025 06:23

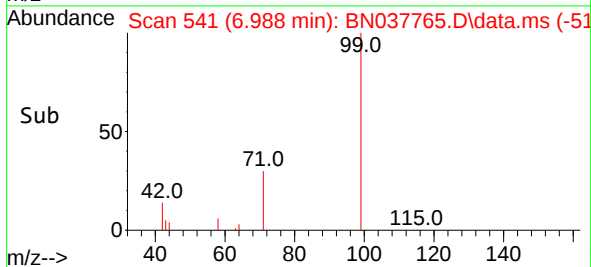
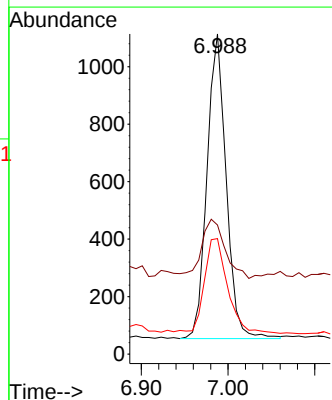
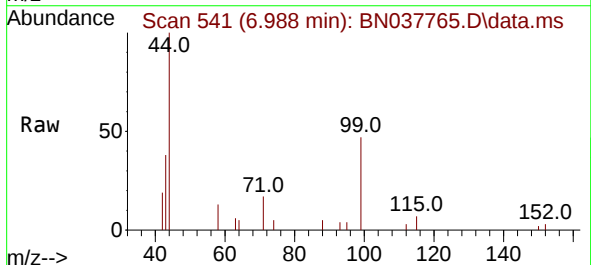
Instrument :
BNA_N
ClientSampleId :
DUP01-20250909

Tgt Ion:	112	Resp:	2247
Ion Ratio	Lower	Upper	
112	100		
64	55.4	44.9	67.3
63	31.0	24.7	37.1



#5
Phenol-d6
Concen: 0.070 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037765.D
Acq: 18 Sep 2025 06:23

Tgt Ion:	99	Resp:	1627
Ion Ratio	Lower	Upper	
99	100		
42	21.9	16.6	24.8
71	38.0	26.7	40.1

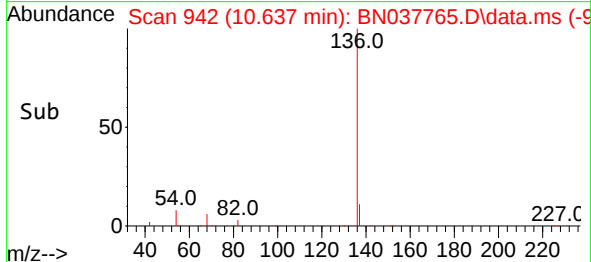
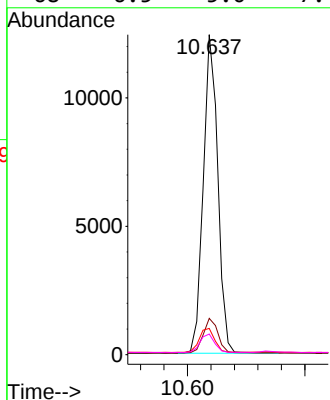
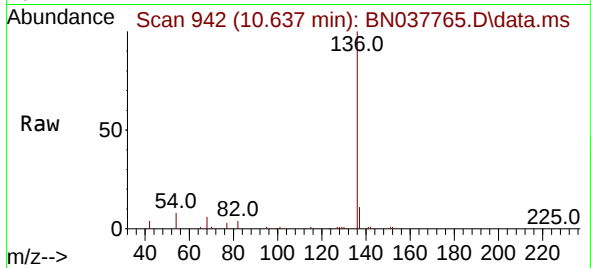




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037765.D
Acq: 18 Sep 2025 06:23

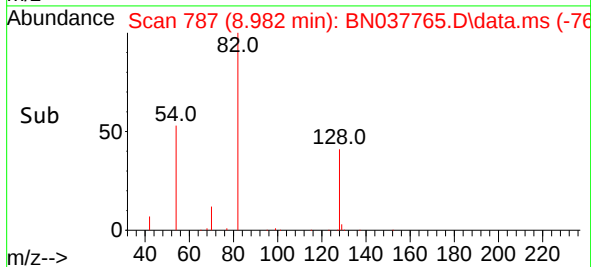
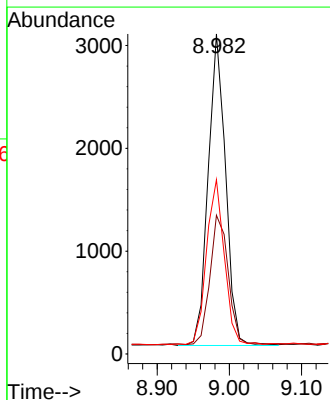
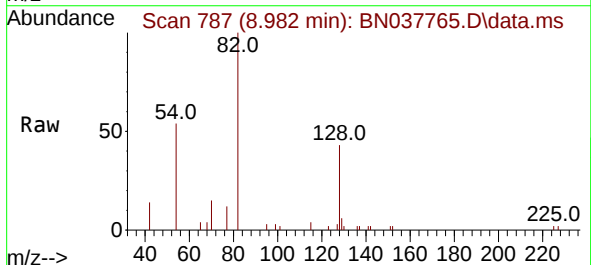
Instrument :
BNA_N
ClientSampleId :
DUP01-20250909

Tgt Ion:	136	Resp:	21320
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.2	6.3	9.5
68	6.5	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037765.D
Acq: 18 Sep 2025 06:23

Tgt Ion:	82	Resp:	5074
Ion	Ratio	Lower	Upper
82	100		
128	43.3	38.3	57.5
54	54.5	41.4	62.2

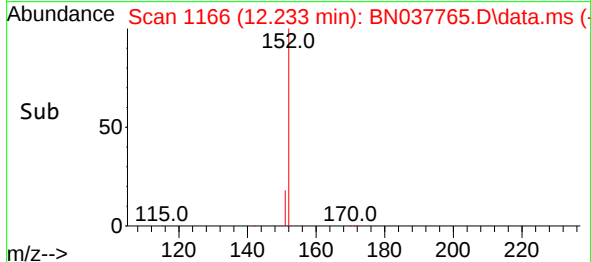
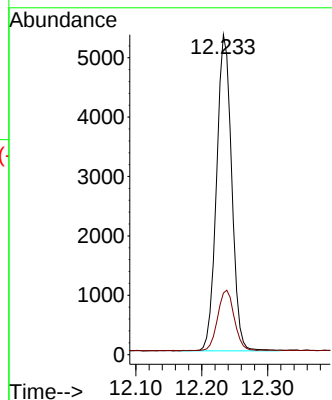
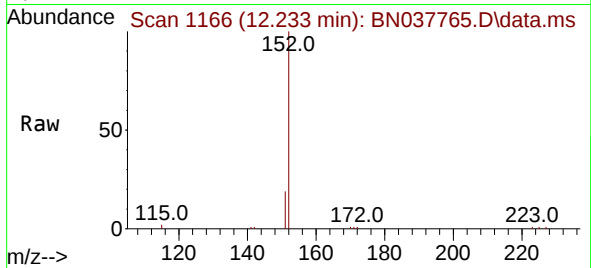




#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.233 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037765.D
Acq: 18 Sep 2025 06:23

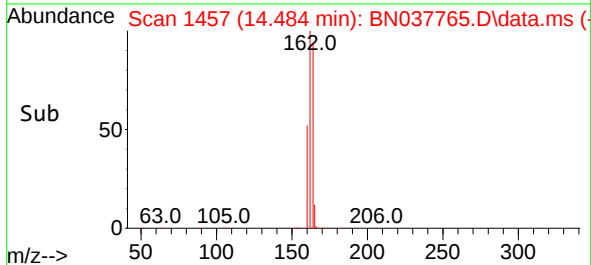
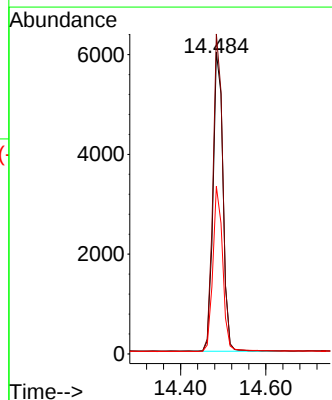
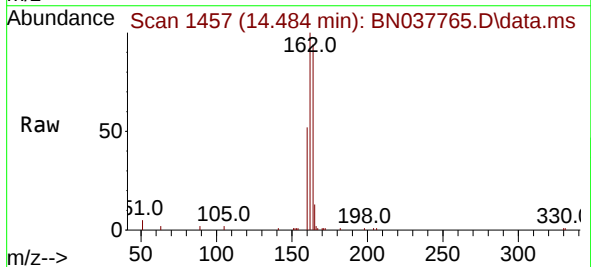
Instrument :
BNA_N
ClientSampleId :
DUP01-20250909

Tgt Ion:152 Resp: 8485
Ion Ratio Lower Upper
152 100
151 21.0 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: BN037765.D
Acq: 18 Sep 2025 06:23

Tgt Ion:164 Resp: 9718
Ion Ratio Lower Upper
164 100
162 106.1 83.1 124.7
160 55.5 44.3 66.5

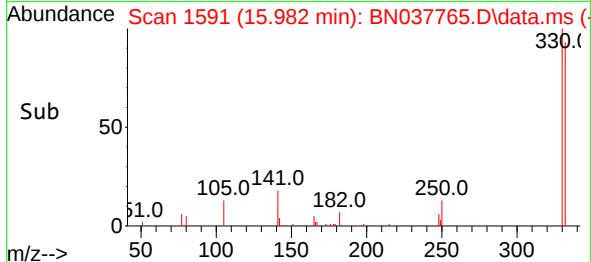
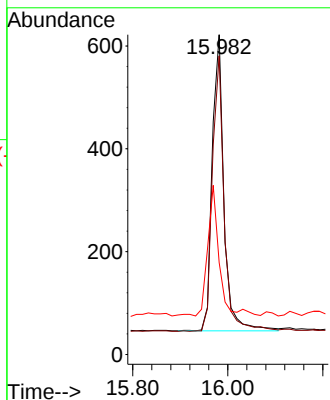
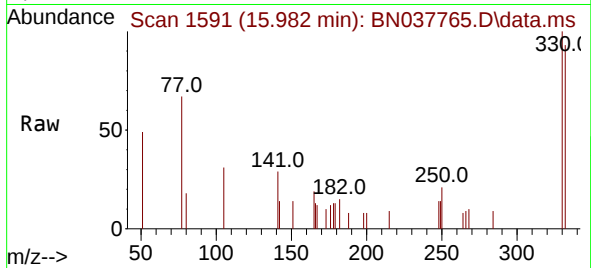




#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037765.D
Acq: 18 Sep 2025 06:23

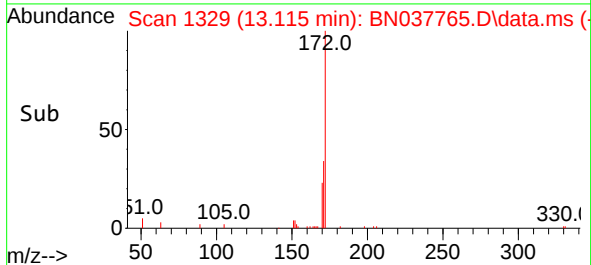
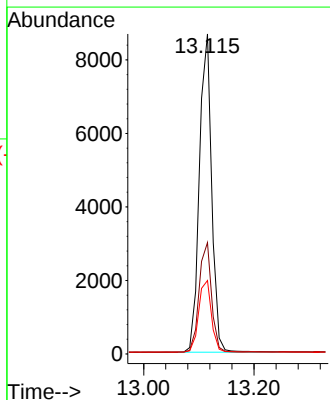
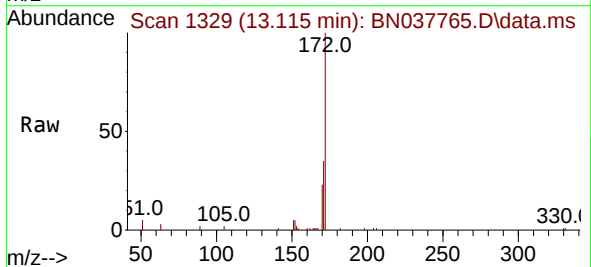
Instrument :
BNA_N
ClientSampleId :
DUP01-20250909

Tgt Ion:330 Resp: 988
Ion Ratio Lower Upper
330 100
332 93.3 75.3 112.9
141 41.8 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.115 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BN037765.D
Acq: 18 Sep 2025 06:23

Tgt Ion:172 Resp: 13429
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.0 19.8 29.8

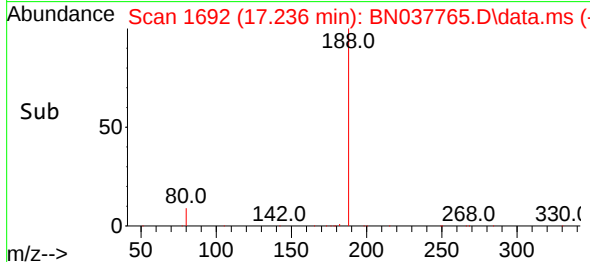
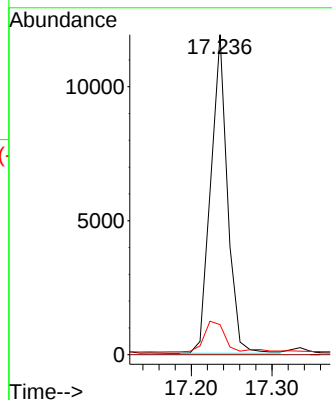
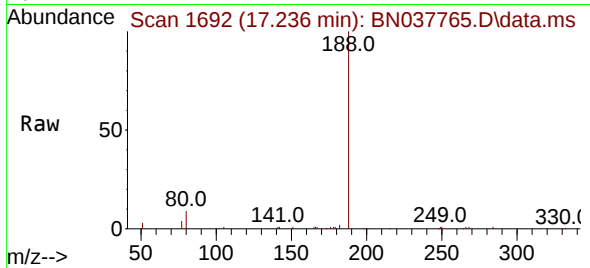




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037765.D
Acq: 18 Sep 2025 06:23

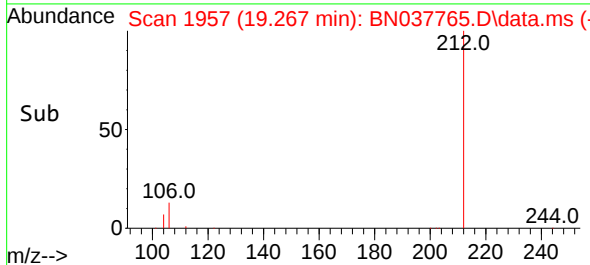
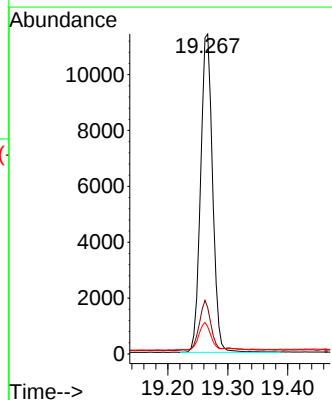
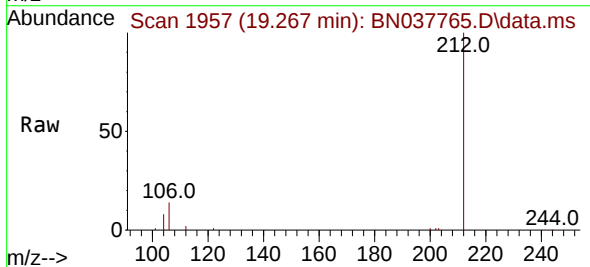
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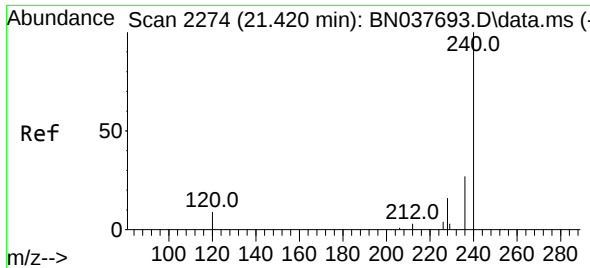
Tgt Ion:188 Resp: 17159
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 10.6 15.8#



#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.267 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037765.D
Acq: 18 Sep 2025 06:23

Tgt Ion:212 Resp: 15856
Ion Ratio Lower Upper
212 100
106 15.3 12.2 18.2
104 8.7 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: BN037765.D

Acq: 18 Sep 2025 06:23

Instrument :

BNA_N

ClientSampleId :

DUP01-20250909

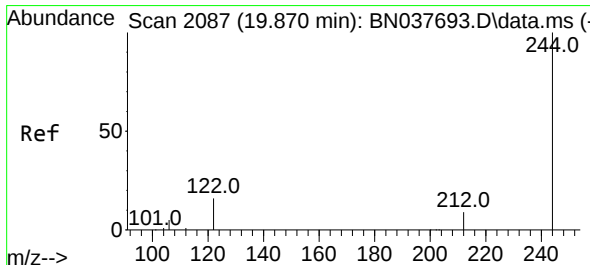
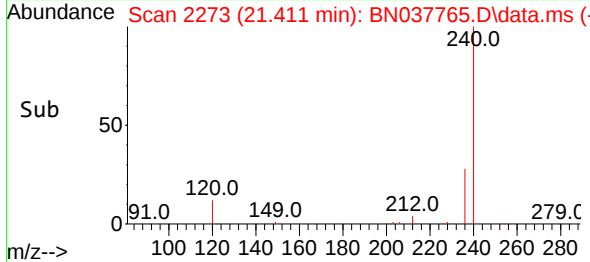
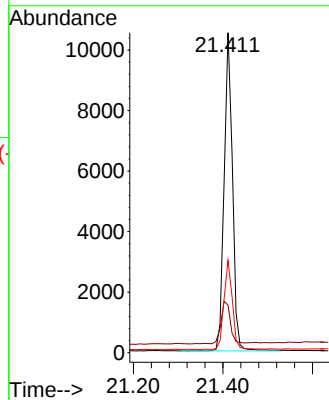
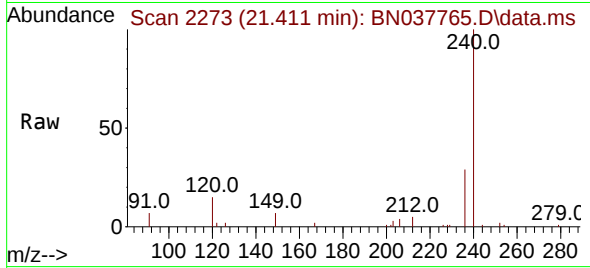
Tgt Ion:240 Resp: 13647

Ion Ratio Lower Upper

240 100

120 14.9 9.2 13.8#

236 28.8 22.6 33.8



#31

Terphenyl-d14

Concen: 0.425 ng

RT: 19.861 min Scan# 2085

Delta R.T. -0.009 min

Lab File: BN037765.D

Acq: 18 Sep 2025 06:23

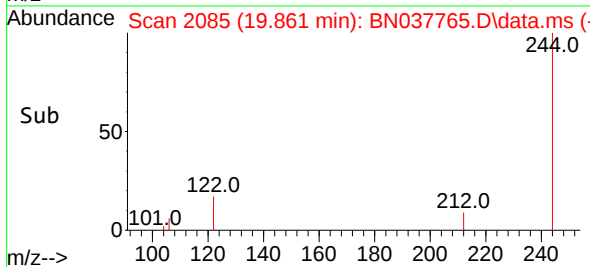
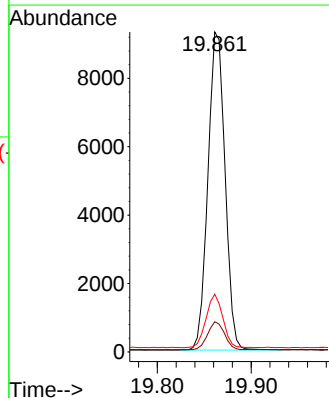
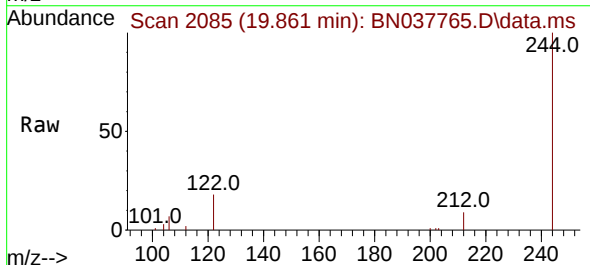
Tgt Ion:244 Resp: 11784

Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

122 18.0 13.2 19.8

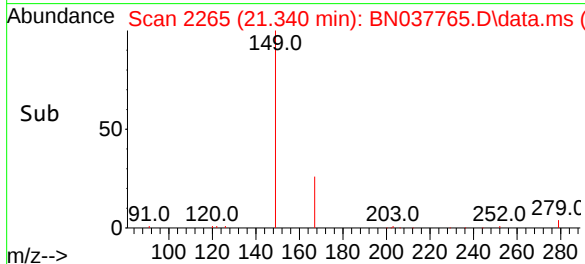
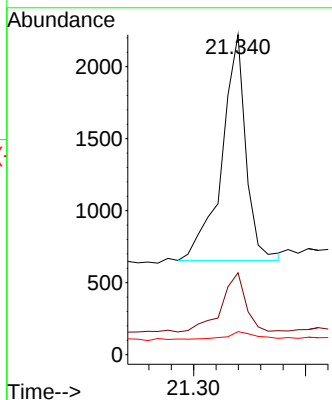
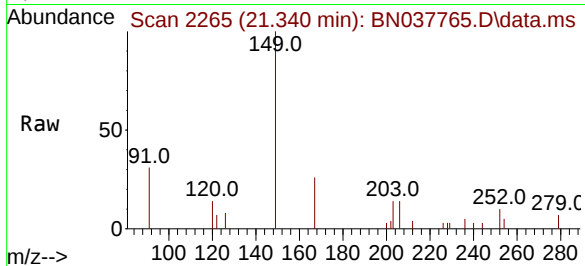




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.166 ng
 RT: 21.340 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037765.D
 Acq: 18 Sep 2025 06:23

Instrument :
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Tgt Ion:149 Resp: 2344
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.8 31.2
 279 3.6 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.742 min Scan# 2841
 Delta R.T. -0.012 min
 Lab File: BN037765.D
 Acq: 18 Sep 2025 06:23

Tgt Ion:264 Resp: 14246
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.8 32.8
 265 63.2 39.4 59.2#

