

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037781.D
 Acq On : 18 Sep 2025 17:36
 Operator : RC/JU
 Sample : Q3097-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 18:05:25 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)

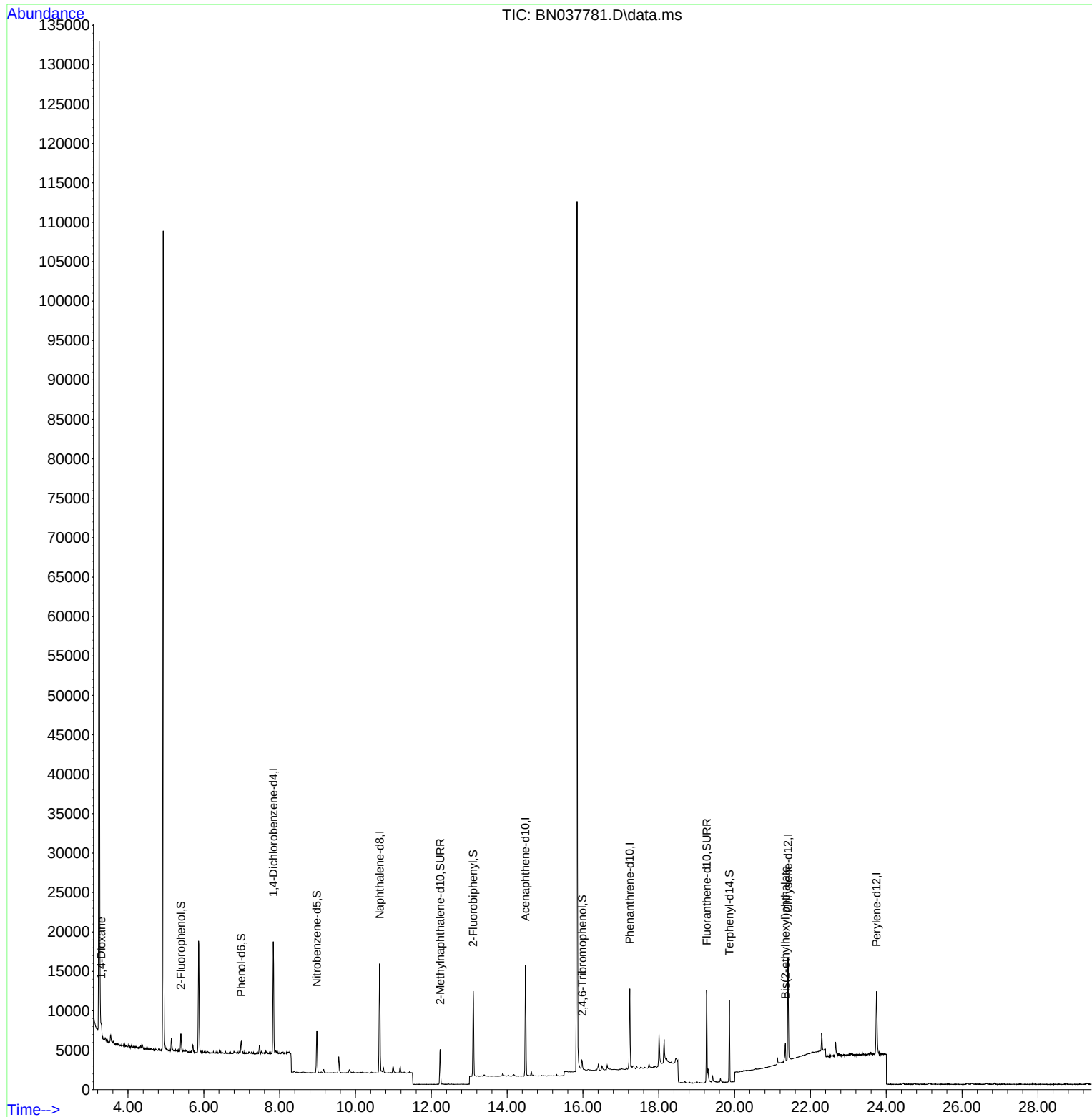
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	6672	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17743	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	7701	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	13778	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	11339	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	11507	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	1893	0.124	ng	0.00
5) Phenol-d6	6.988	99	1438	0.072	ng	0.00
8) Nitrobenzene-d5	8.982	82	4078	0.314	ng	-0.01
11) 2-Methylnaphthalene-d10	12.232	152	5959	0.254	ng	-0.01
14) 2,4,6-Tribromophenol	15.982	330	793	0.395	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	9525	0.296	ng	-0.01
27) Fluoranthene-d10	19.262	212	12721	0.368	ng	0.00
31) Terphenyl-d14	19.861	244	9276	0.403	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	717	0.103	ng	# 73
34) Bis(2-ethylhexyl)phtha...	21.339	149	2861	0.244	ng	98

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

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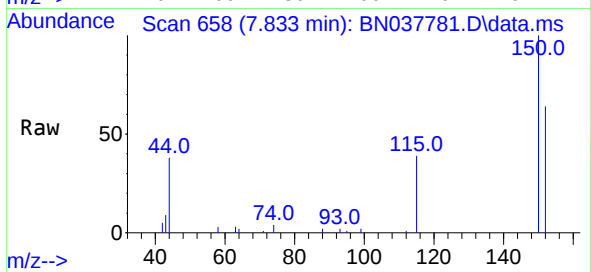
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



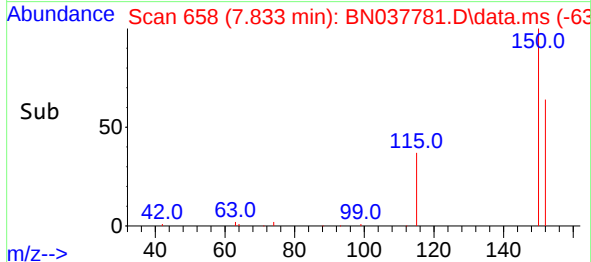
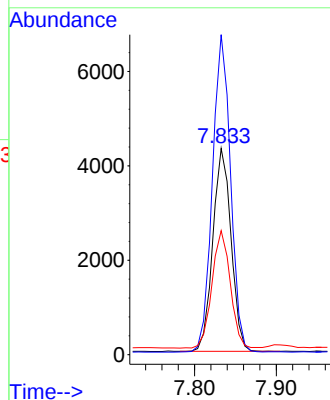


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 6
 Delta R.T. -0.007 min
 Lab File: BN037781.D
 Acq: 18 Sep 2025 17:36

Instrument :
 BNA_N
 ClientSampleId :

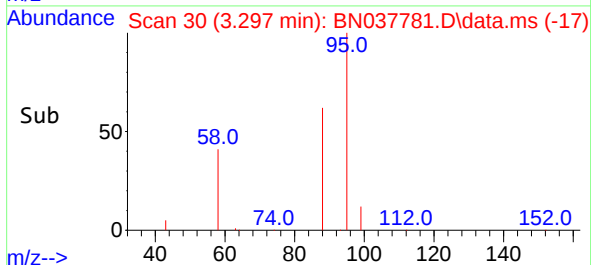
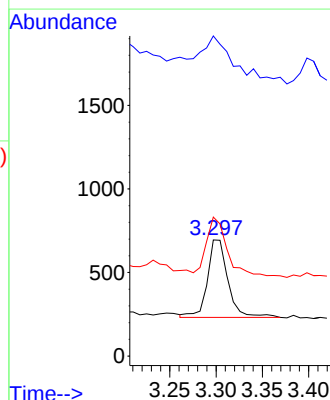
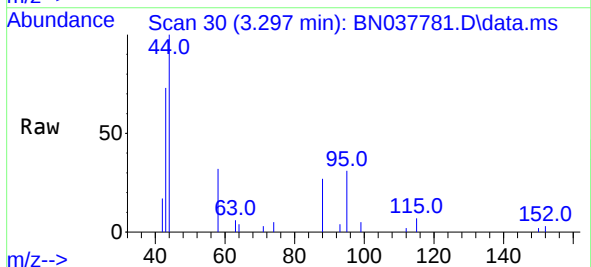


Tgt Ion:152 Resp: 6672
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.5 186.7
 115 60.1 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.103 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037781.D
 Acq: 18 Sep 2025 17:36

Tgt Ion: 88 Resp: 717
 Ion Ratio Lower Upper
 88 100
 43 80.6 26.8 40.2#
 58 74.3 61.9 92.9

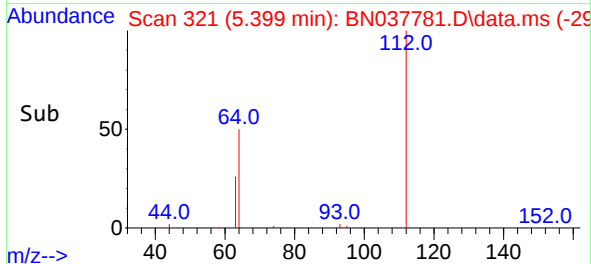
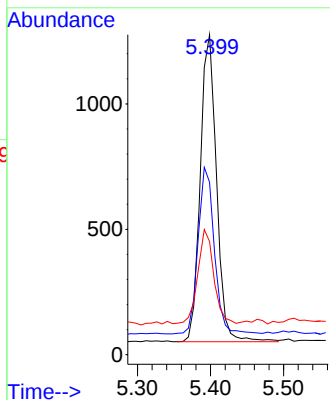
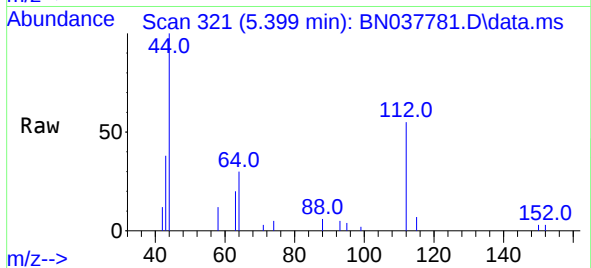




#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

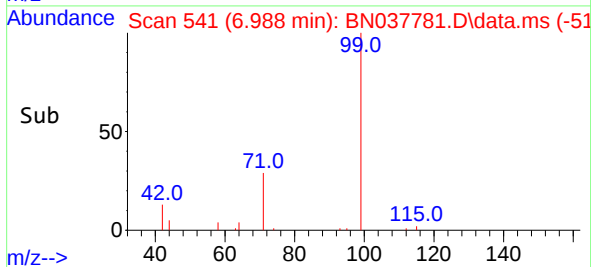
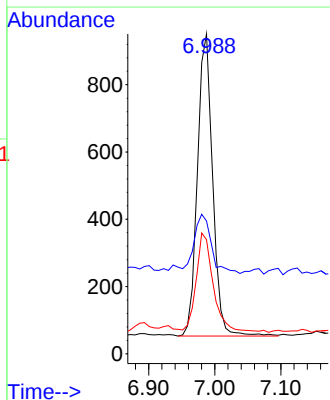
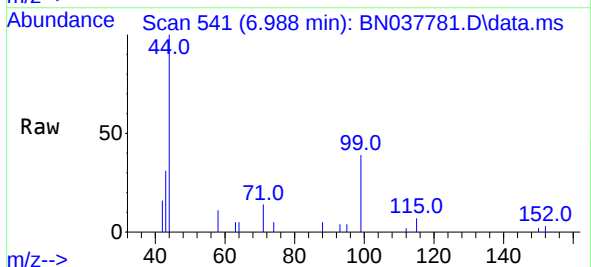
Instrument :
BNA_N
ClientSampleId :

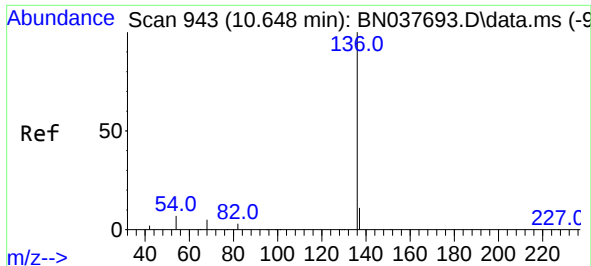
Tgt Ion:112 Resp: 1893
Ion Ratio Lower Upper
112 100
64 54.5 44.9 67.3
63 30.4 24.7 37.1



#5
Phenol-d6
Concen: 0.072 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

Tgt Ion: 99 Resp: 1438
Ion Ratio Lower Upper
99 100
42 24.4 16.6 24.8
71 37.3 26.7 40.1

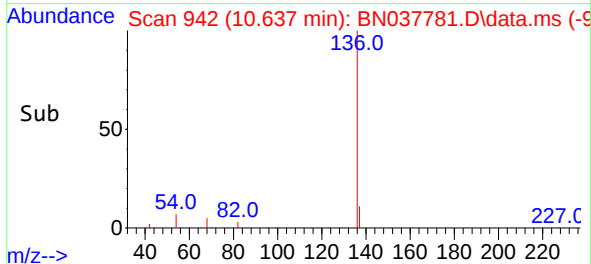
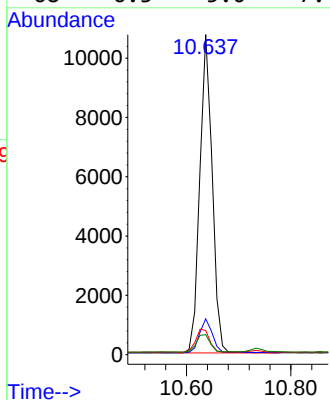
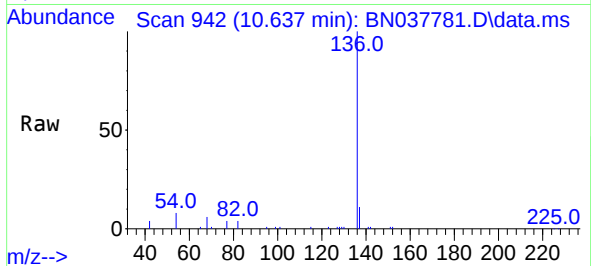




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

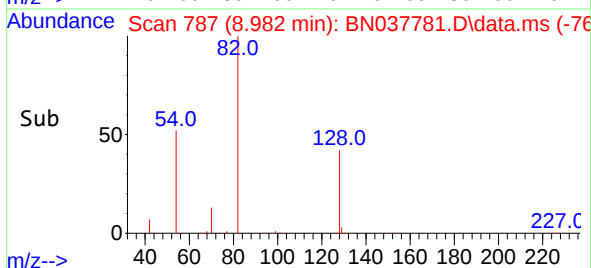
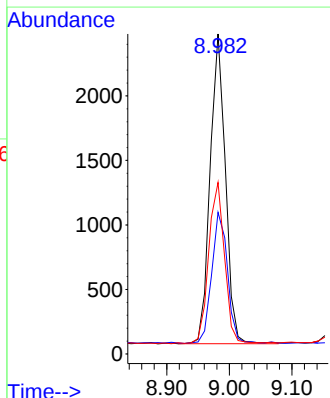
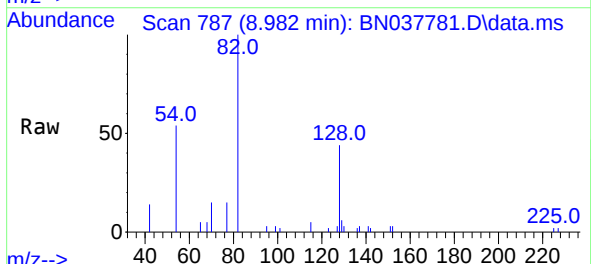
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	136	Resp:	17743
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	7.6	6.3	9.5
68	6.3	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

Tgt Ion:	82	Resp:	4078
Ion Ratio	Lower	Upper	
82	100		
128	44.3	38.3	57.5
54	53.6	41.4	62.2

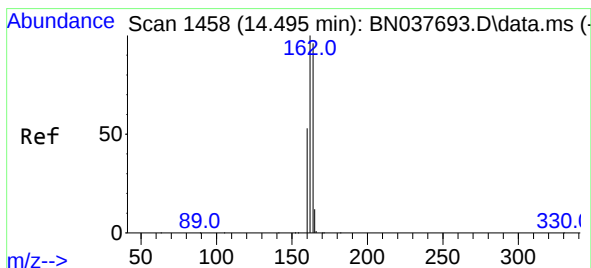
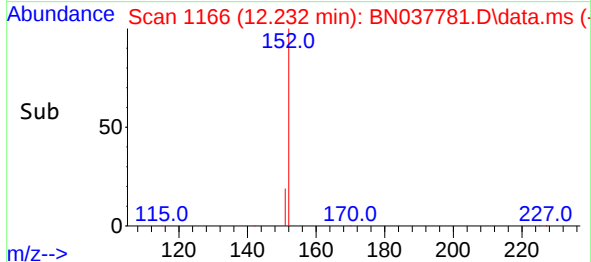
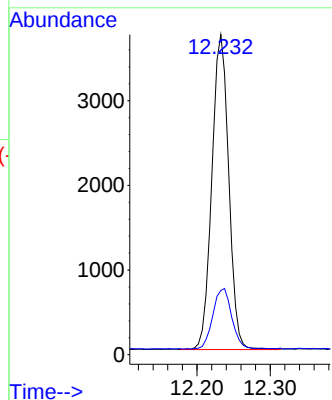
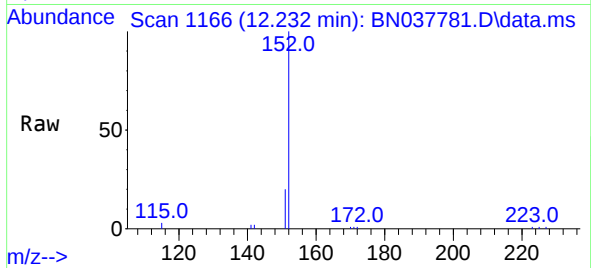




#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.232 min Scan# 1166
Delta R.T. -0.010 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

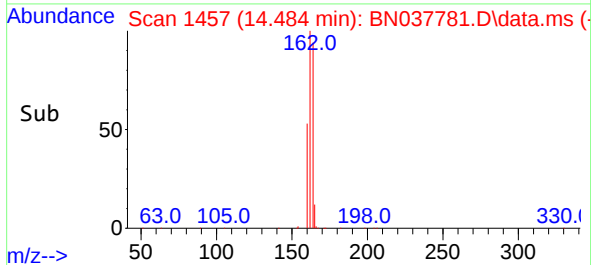
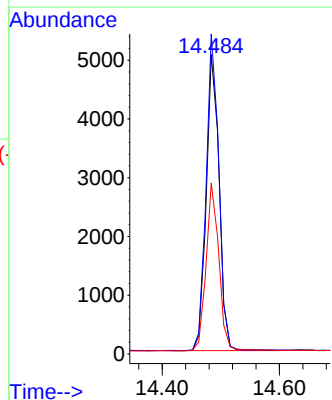
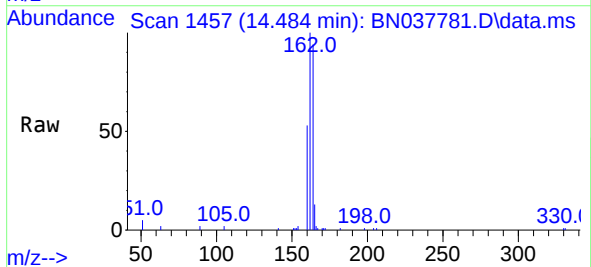
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 5959
Ion Ratio Lower Upper
152 100
151 21.6 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: BN037781.D
Acq: 18 Sep 2025 17:36

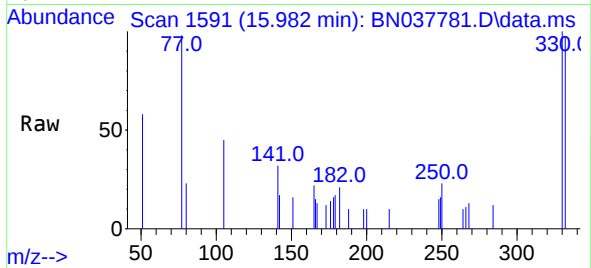
Tgt Ion:164 Resp: 7701
Ion Ratio Lower Upper
164 100
162 106.9 83.1 124.7
160 57.1 44.3 66.5



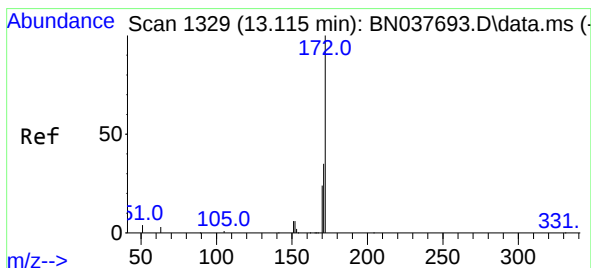
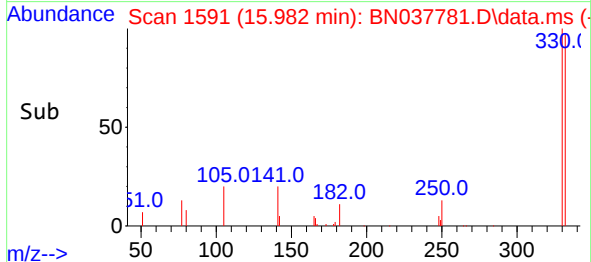
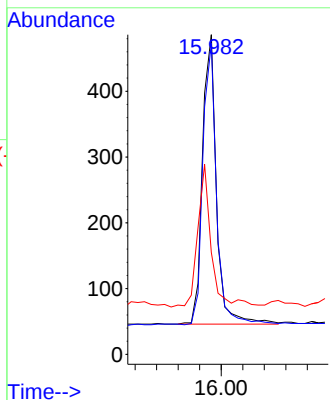


#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

Instrument :
BNA_N
ClientSampleId :

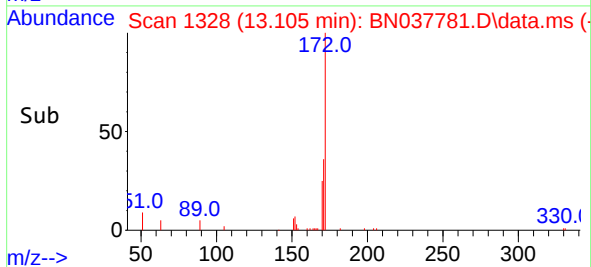
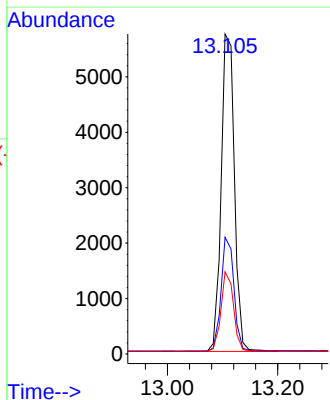
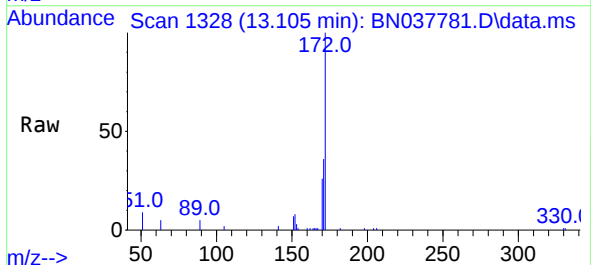


Tgt Ion:330 Resp: 793
Ion Ratio Lower Upper
330 100
332 95.6 75.3 112.9
141 48.0 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

Tgt Ion:172 Resp: 9525
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 25.7 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.235 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037781.D

Acq: 18 Sep 2025 17:36

Instrument :

BNA_N

ClientSampleId :

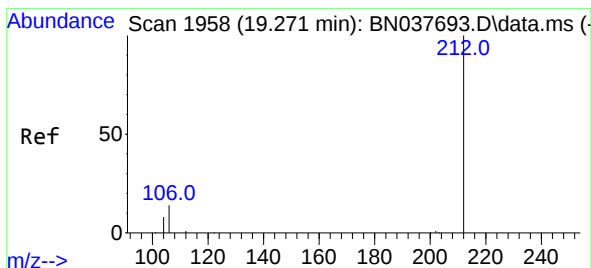
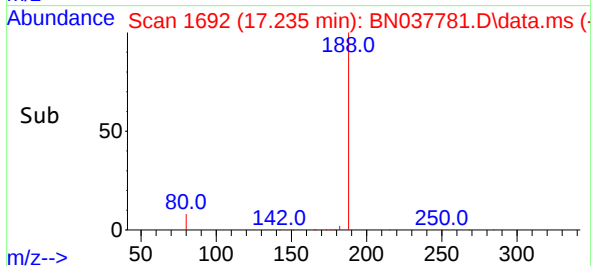
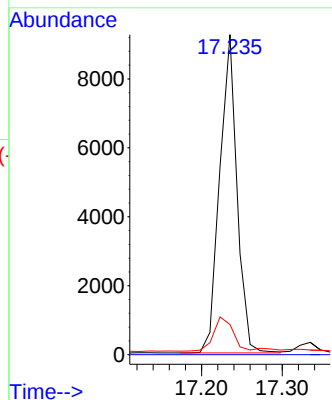
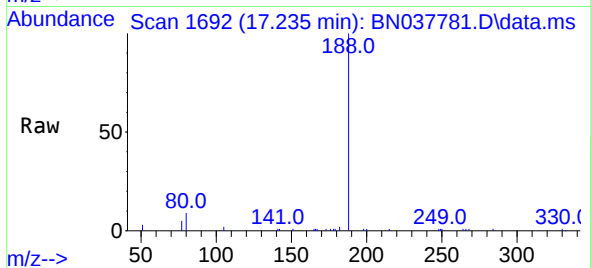
Tgt Ion:188 Resp: 13778

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: 19.262 min Scan# 1956

Delta R.T. -0.010 min

Lab File: BN037781.D

Acq: 18 Sep 2025 17:36

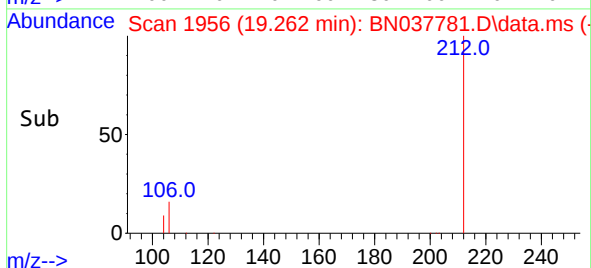
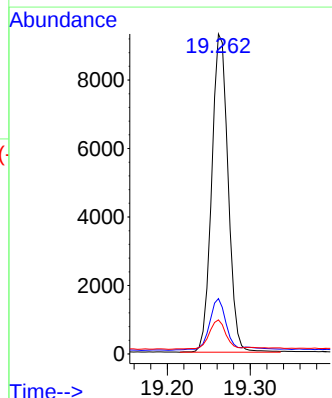
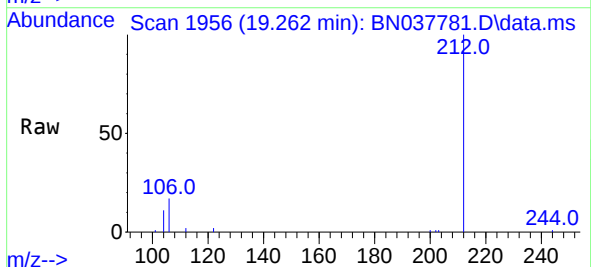
Tgt Ion:212 Resp: 12721

Ion Ratio Lower Upper

212 100

106 16.4 12.2 18.2

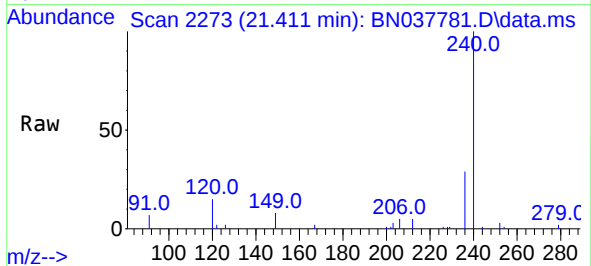
104 9.7 6.9 10.3



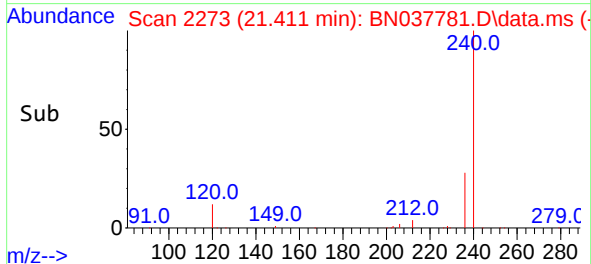
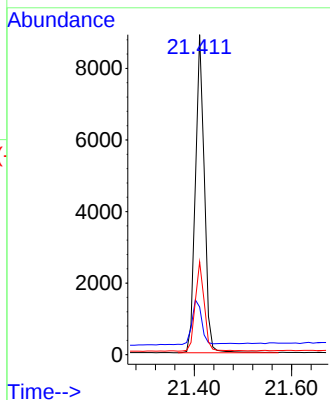


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

Instrument :
BNA_N
ClientSampleId :

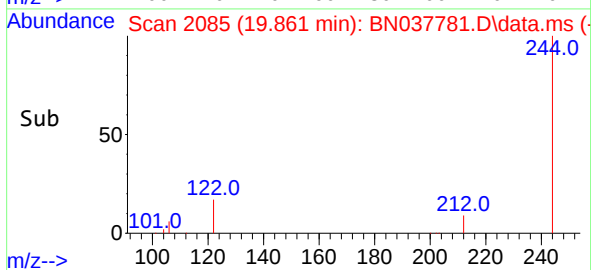
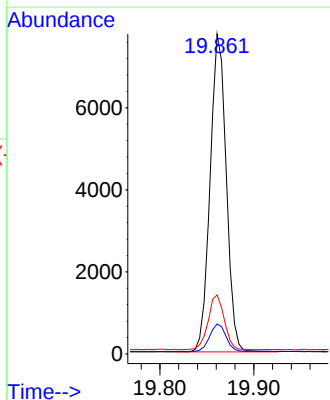
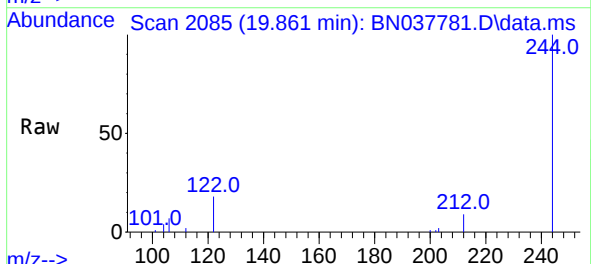


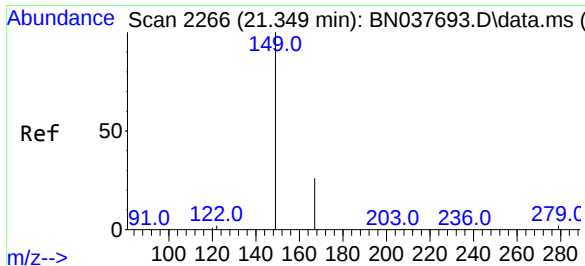
Tgt Ion:240 Resp: 11339
Ion Ratio Lower Upper
240 100
120 14.9 9.2 13.8#
236 29.0 22.6 33.8



#31
Terphenyl-d14
Concen: 0.403 ng
RT: 19.861 min Scan# 2085
Delta R.T. -0.010 min
Lab File: BN037781.D
Acq: 18 Sep 2025 17:36

Tgt Ion:244 Resp: 9276
Ion Ratio Lower Upper
244 100
212 9.4 7.5 11.3
122 18.4 13.2 19.8

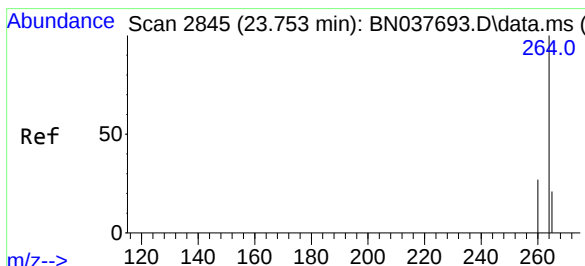
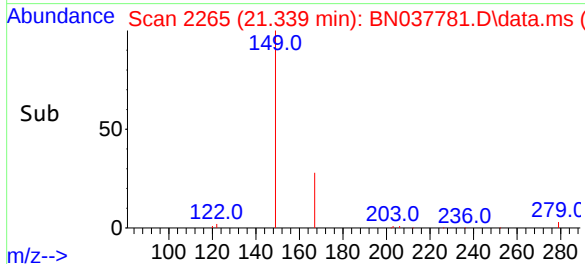
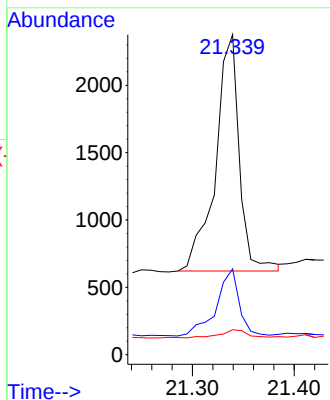
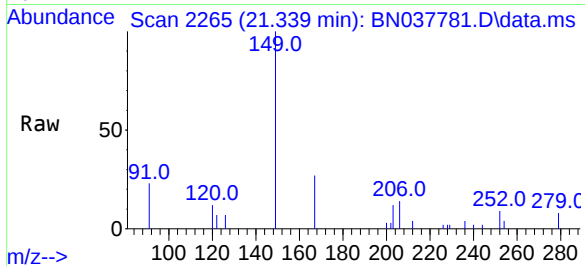




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.244 ng
 RT: 21.339 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037781.D
 Acq: 18 Sep 2025 17:36

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 2861
 Ion Ratio Lower Upper
 149 100
 167 27.3 20.8 31.2
 279 3.9 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: BN037781.D
 Acq: 18 Sep 2025 17:36

Tgt Ion:264 Resp: 11507
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.8 32.8
 265 73.8 39.4 59.2#

