

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
 Data File : BN037463.D
 Acq On : 10 Jul 2025 19:26
 Operator : RC/JU
 Sample : PB168696BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168696BL

Quant Time: Jul 11 01:28:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 10 00:48:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1779	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4164	0.400	ng	-0.01
13) Acenaphthene-d10	14.366	164	1917	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	3331	0.400	ng	-0.01
29) Chrysene-d12	21.286	240	2383	0.400	ng	# 0.00
35) Perylene-d12	23.528	264	2255	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1492	0.312	ng	0.00
5) Phenol-d6	6.887	99	1835	0.311	ng	0.00
8) Nitrobenzene-d5	8.865	82	1171	0.418	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	2033	0.349	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	118	0.151	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	4155	0.393	ng	0.00
27) Fluoranthene-d10	19.132	212	2941	0.343	ng	0.00
31) Terphenyl-d14	19.740	244	2014	0.401	ng	0.00

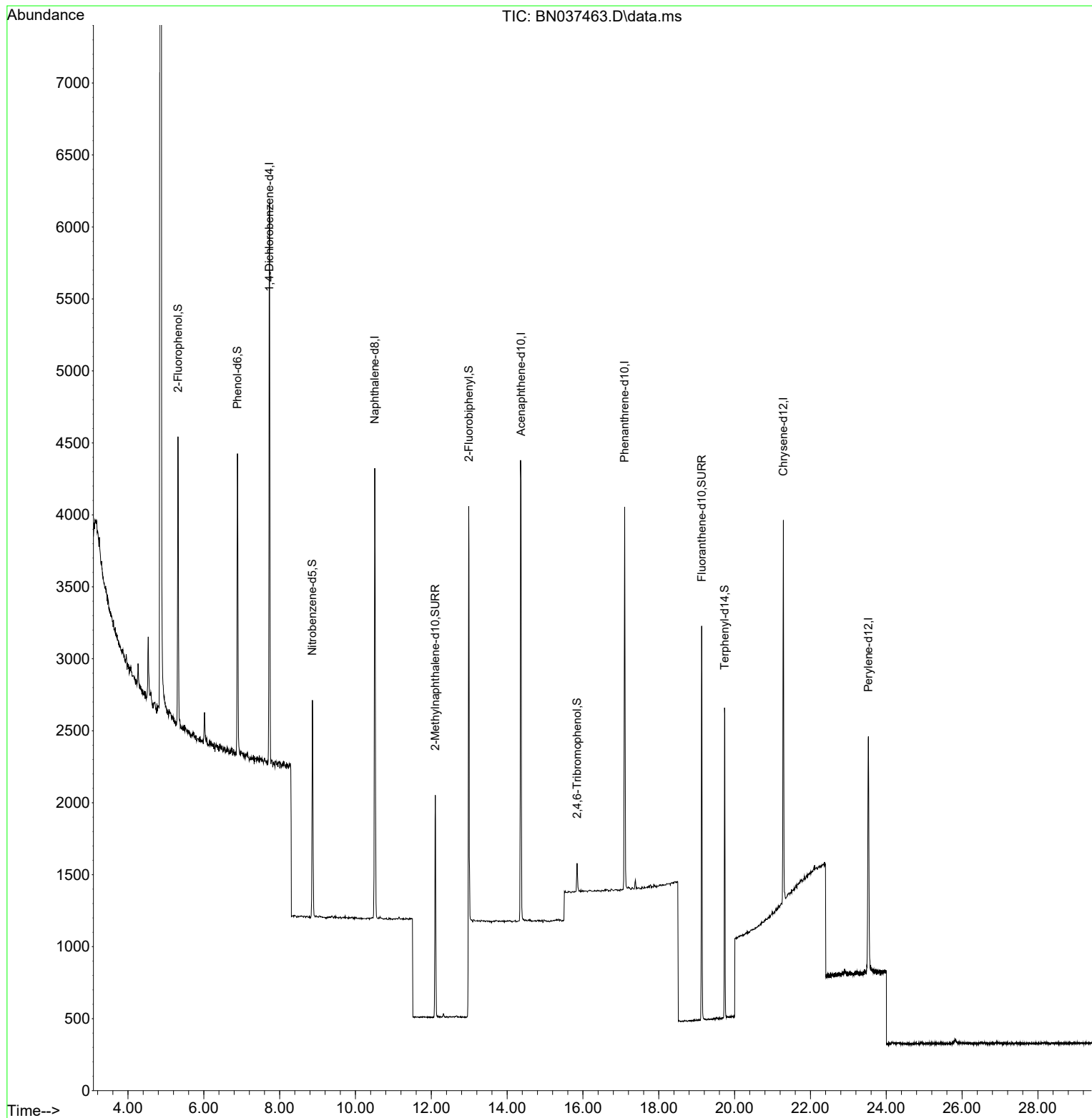
Target Compounds Qvalue

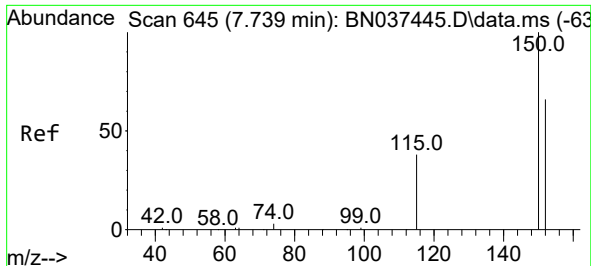
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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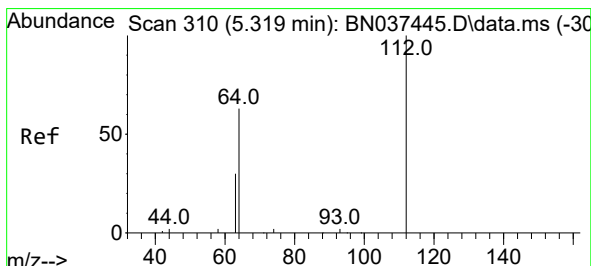
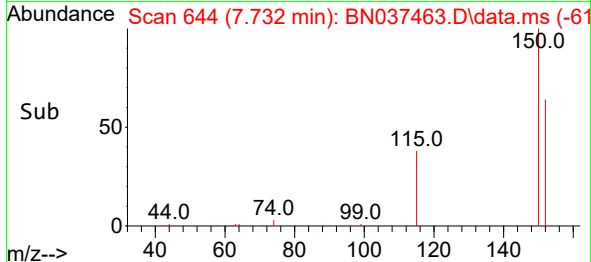
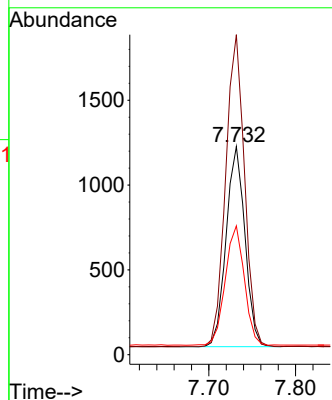
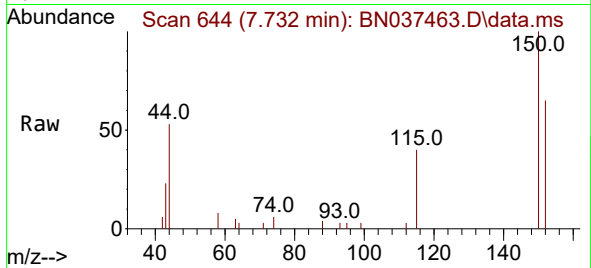




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037463.D
Acq: 10 Jul 2025 19:26

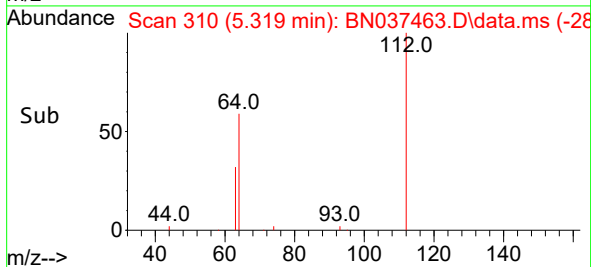
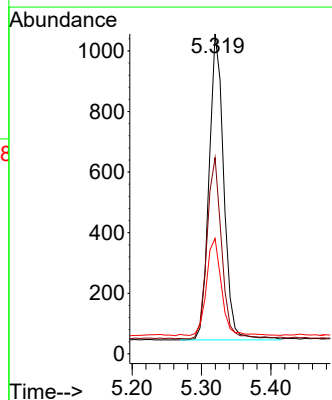
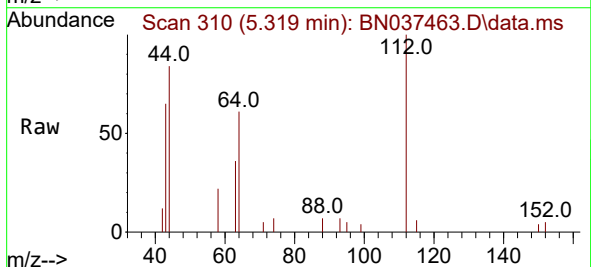
Instrument :
BNA_N
ClientSampleId :
PB168696BL

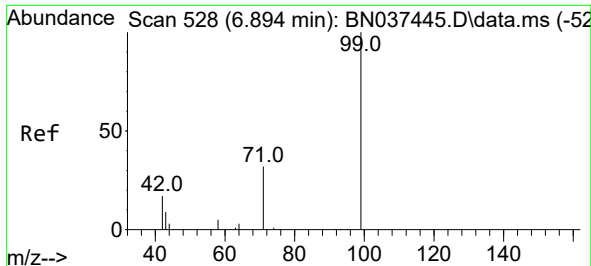
Tgt Ion:152 Resp: 1779
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 61.9 50.4 75.6



#4
2-Fluorophenol
Concen: 0.312 ng
RT: 5.319 min Scan# 310
Delta R.T. -0.007 min
Lab File: BN037463.D
Acq: 10 Jul 2025 19:26

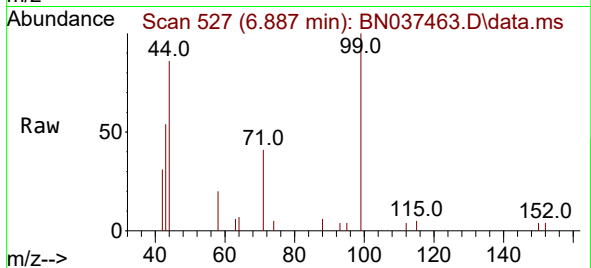
Tgt Ion:112 Resp: 1492
Ion Ratio Lower Upper
112 100
64 59.0 49.4 74.2
63 32.6 27.2 40.8



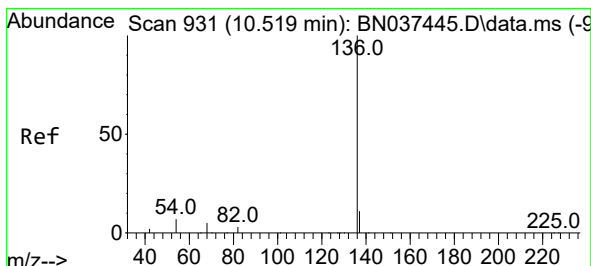
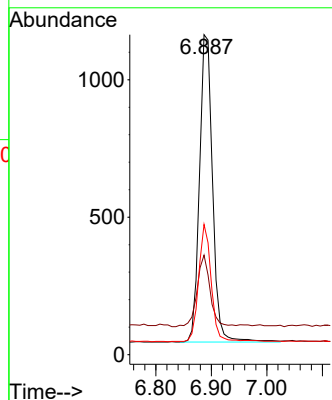
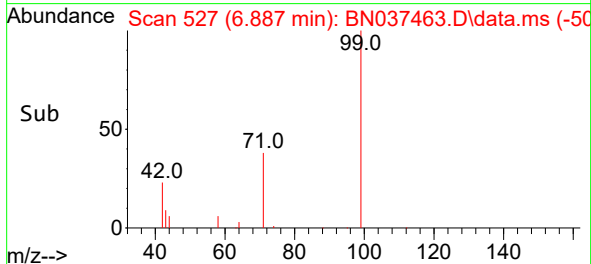


#5
Phenol-d6
Concen: 0.311 ng
RT: 6.887 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN037463.D
Acq: 10 Jul 2025 19:26

Instrument :
BNA_N
ClientSampleId :
PB168696BL

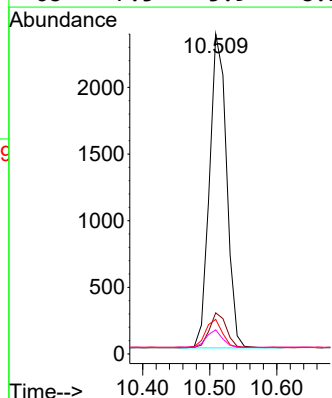
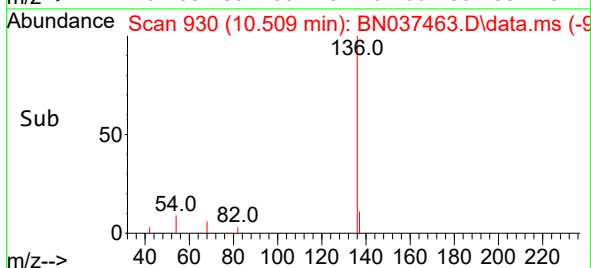
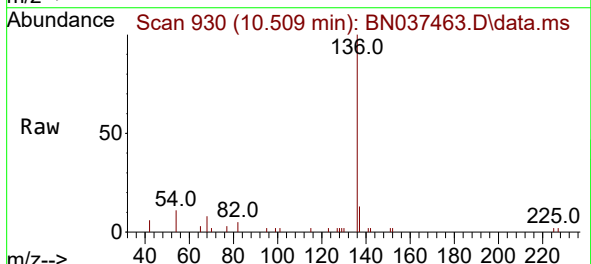


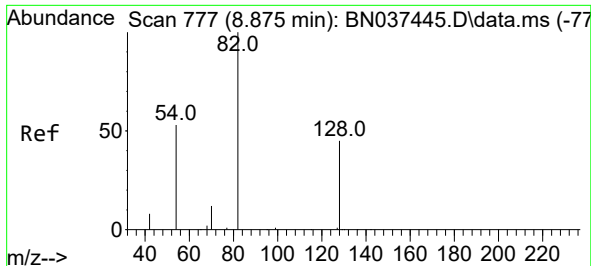
Tgt Ion:	99	Resp:	1835
Ion	Ratio	Lower	Upper
99	100		
42	23.1	22.5	33.7
71	37.2	27.8	41.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.011 min
Lab File: BN037463.D
Acq: 10 Jul 2025 19:26

Tgt Ion:	136	Resp:	4164
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	10.8	8.8	13.2
68	7.5	5.9	8.9

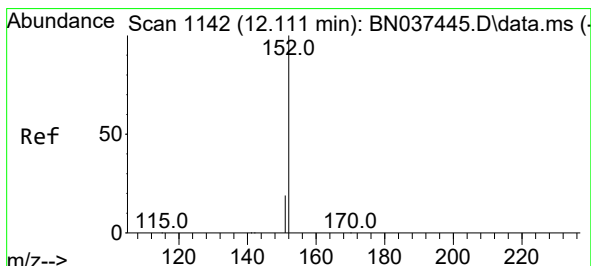
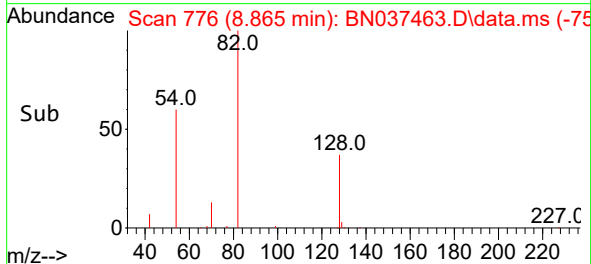
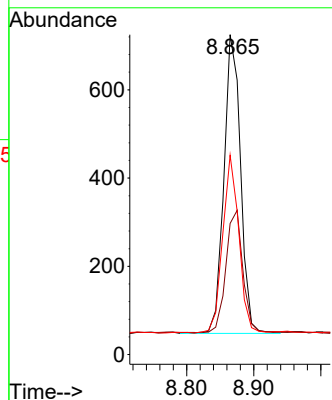
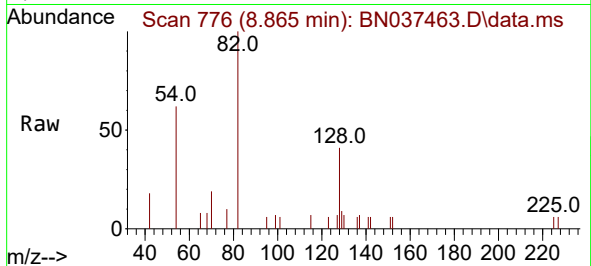




#8
Nitrobenzene-d5
Concen: 0.418 ng
RT: 8.865 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037463.D
Acq: 10 Jul 2025 19:26

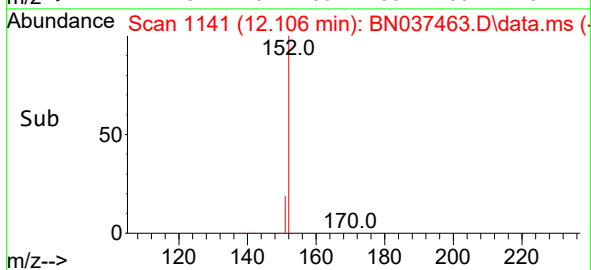
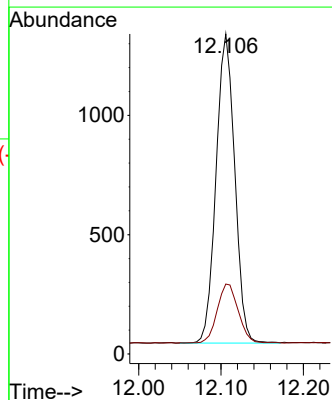
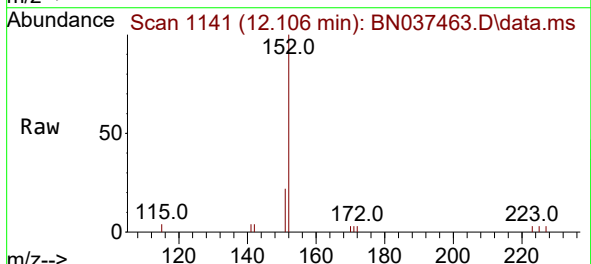
Instrument :
BNA_N
ClientSampleId :
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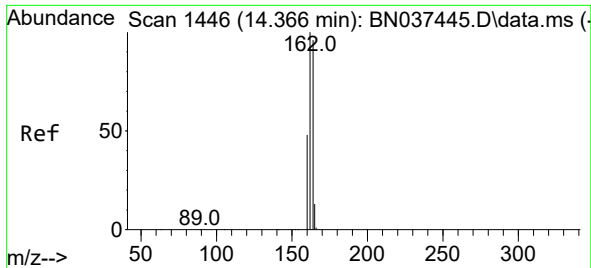
Tgt Ion: 82 Resp: 1171
Ion Ratio Lower Upper
82 100
128 41.0 31.4 47.0
54 62.3 51.3 76.9



#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.010 min
Lab File: BN037463.D
Acq: 10 Jul 2025 19:26

Tgt Ion:152 Resp: 2033
Ion Ratio Lower Upper
152 100
151 21.5 16.7 25.1

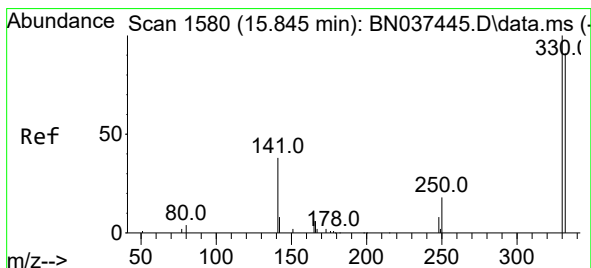
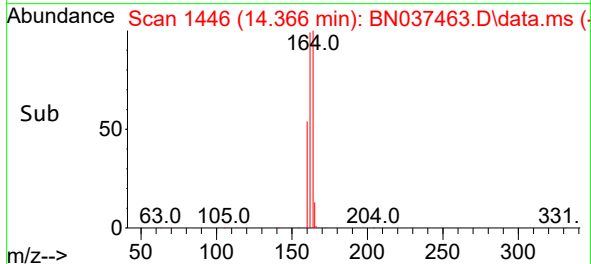
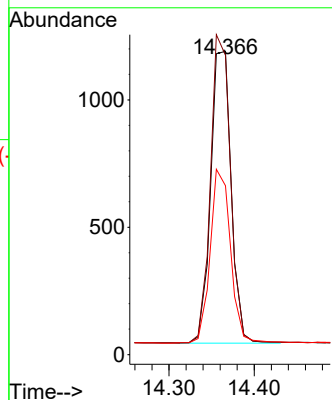
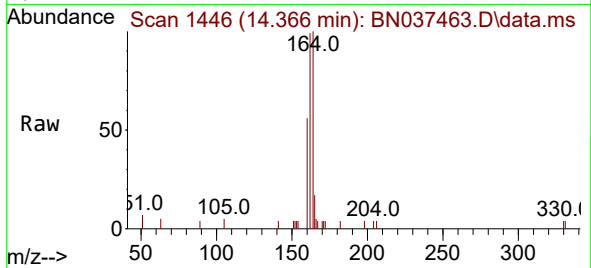




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN037463.D
Acq: 10 Jul 2025 19:26

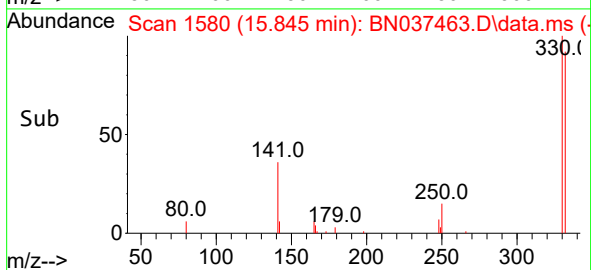
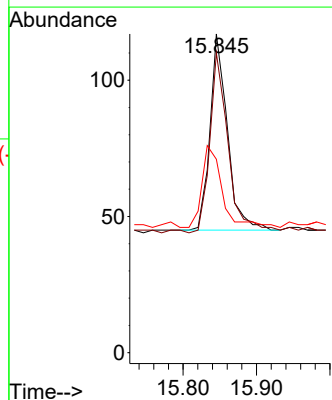
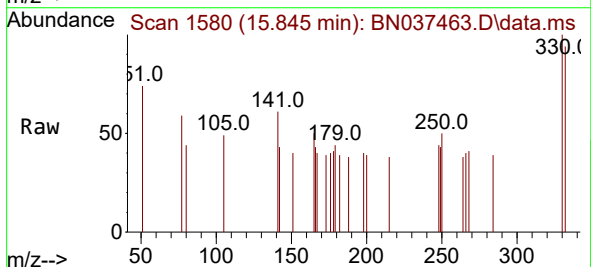
Instrument :
BNA_N
ClientSampleId :
PB168696BL

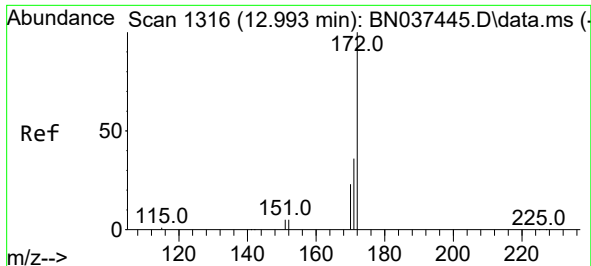
Tgt Ion:164 Resp: 1917
Ion Ratio Lower Upper
164 100
162 98.7 82.7 124.1
160 55.7 55.0 82.4



#14
2,4,6-Tribromophenol
Concen: 0.151 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN037463.D
Acq: 10 Jul 2025 19:26

Tgt Ion:330 Resp: 118
Ion Ratio Lower Upper
330 100
332 99.2 75.3 112.9
141 48.3 38.7 58.1

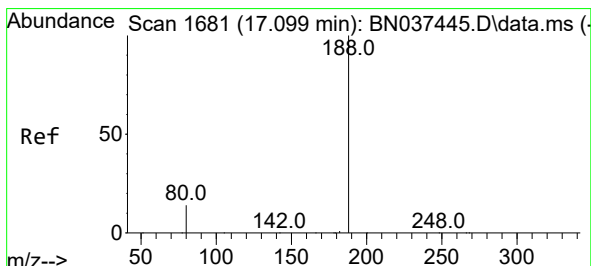
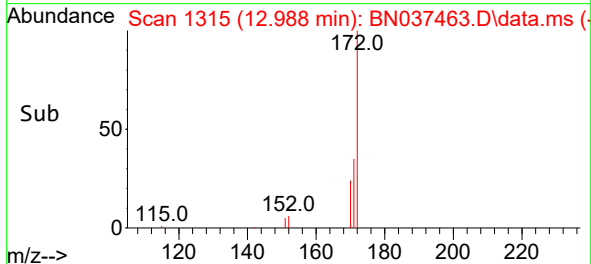
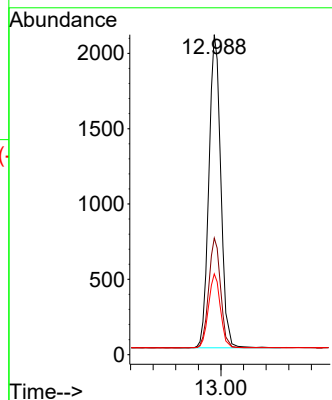
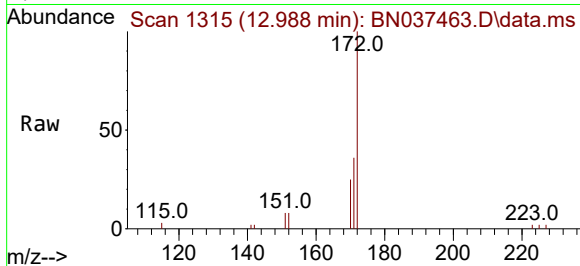




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.988 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037463.D
Acq: 10 Jul 2025 19:26

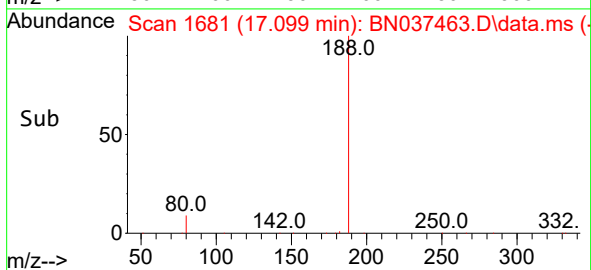
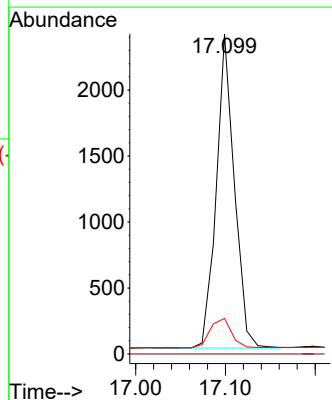
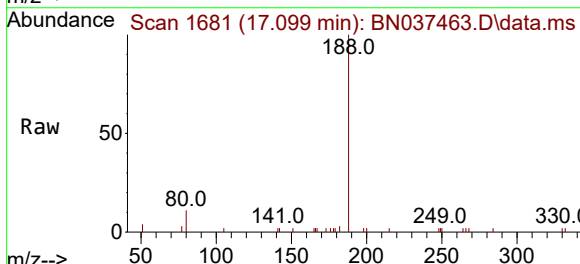
Instrument :
BNA_N
ClientSampleId :
PB168696BL

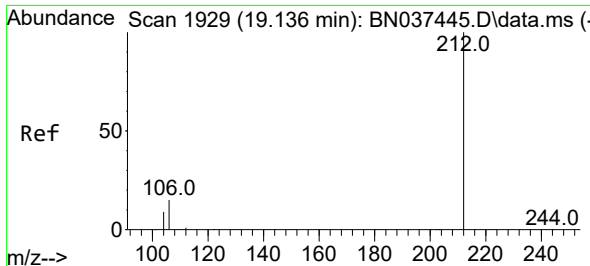
Tgt Ion:172 Resp: 4155
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 25.2 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN037463.D
Acq: 10 Jul 2025 19:26

Tgt Ion:188 Resp: 3331
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 7.8 11.6





#27

Fluoranthene-d10

Concen: 0.343 ng

RT: 19.132 min Scan# 1928

Delta R.T. -0.009 min

Lab File: BN037463.D

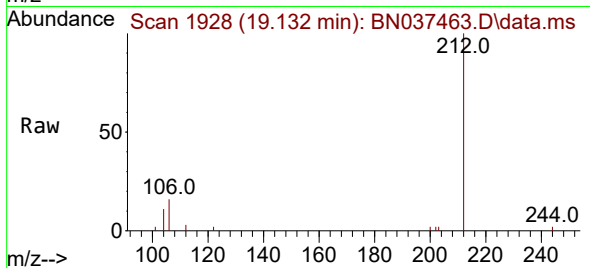
Acq: 10 Jul 2025 19:26

Instrument :

BNA_N

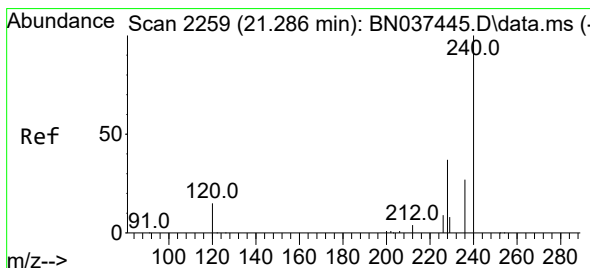
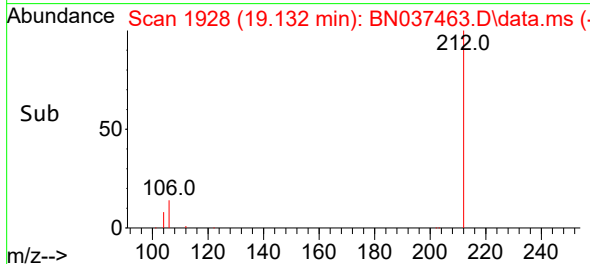
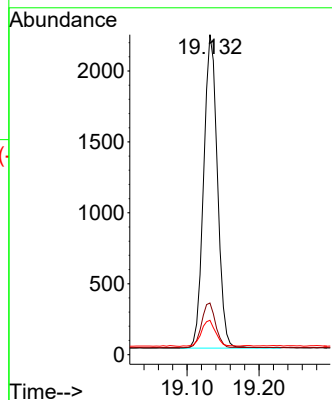
ClientSampleId :

PB168696BL



Tgt Ion:212 Resp: 2941

Ion	Ratio	Lower	Upper
212	100		
106	14.6	13.4	20.0
104	8.8	7.8	11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.286 min Scan# 2259

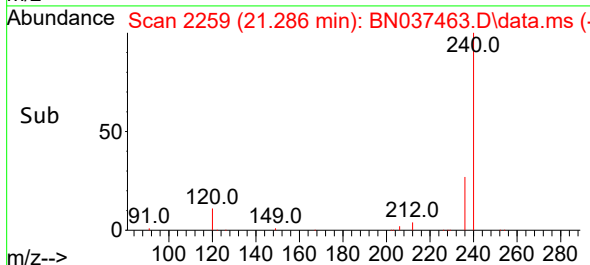
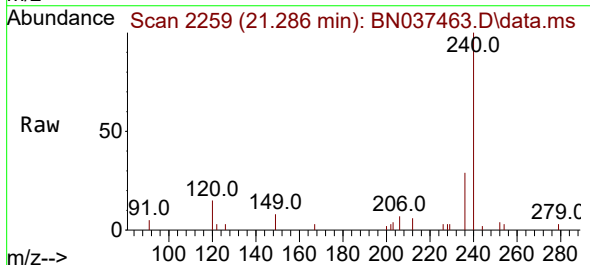
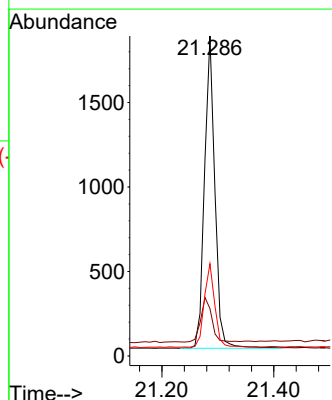
Delta R.T. -0.009 min

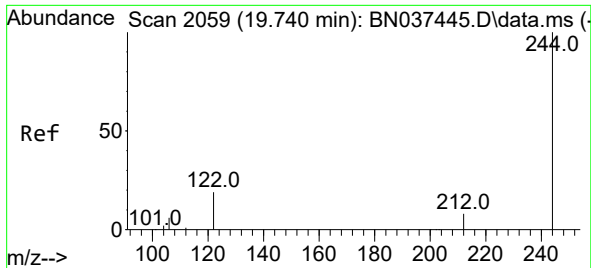
Lab File: BN037463.D

Acq: 10 Jul 2025 19:26

Tgt Ion:240 Resp: 2383

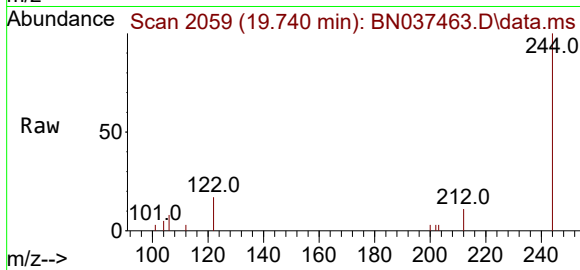
Ion	Ratio	Lower	Upper
240	100		
120	14.8	16.4	24.6
236	28.8	23.3	34.9



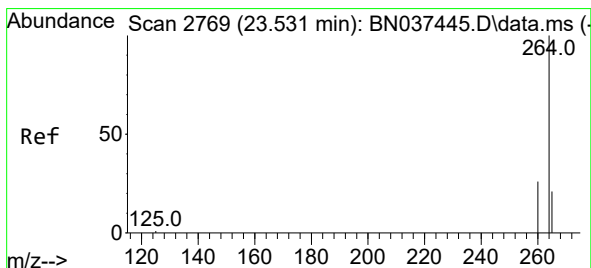
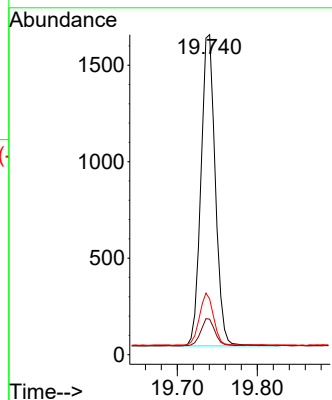


#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.740 min Scan# 2059
 Delta R.T. -0.009 min
 Lab File: BN037463.D
 Acq: 10 Jul 2025 19:26

Instrument :
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 PB168696BL



Tgt Ion:	244	Resp:	2014
Ion Ratio	Lower	Upper	
244	100		
212	11.1	9.0	13.4
122	17.4	15.0	22.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.528 min Scan# 2768
 Delta R.T. -0.017 min
 Lab File: BN037463.D
 Acq: 10 Jul 2025 19:26

Tgt Ion:	264	Resp:	2255
Ion Ratio	Lower	Upper	
264	100		
260	27.8	22.1	33.1
265	55.0	30.1	45.1

