

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037039.D
 Acq On : 19 May 2025 11:26
 Operator : RC/JU
 Sample : PB168032BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168032BL

Quant Time: May 19 12:23:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

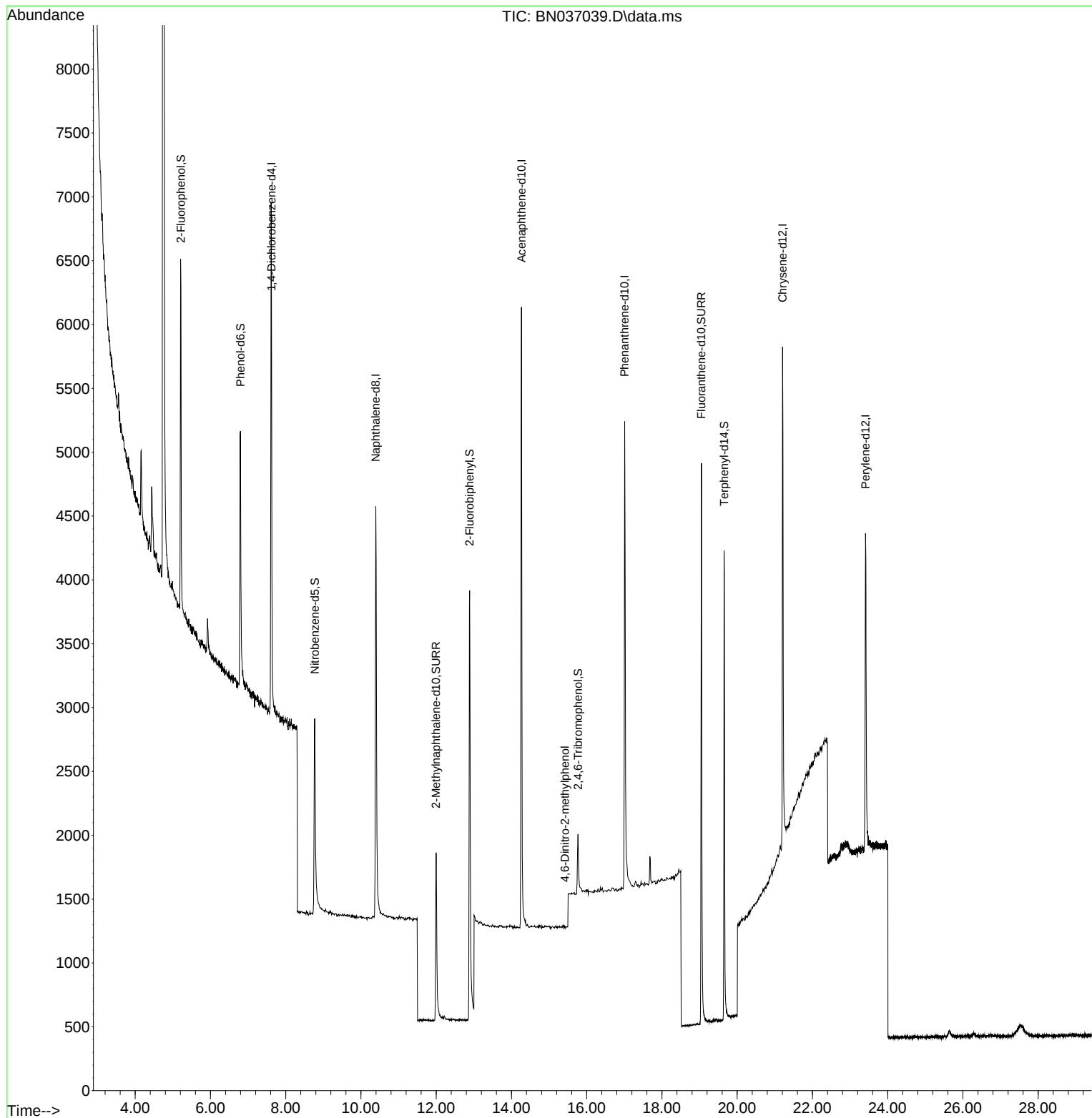
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2094	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5188	0.400	ng	#-0.01
13) Acenaphthene-d10	14.267	164	3023	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	6103	0.400	ng	0.00
29) Chrysene-d12	21.206	240	4275	0.400	ng	0.00
35) Perylene-d12	23.412	264	3585	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	1954	0.356	ng	0.00
5) Phenol-d6	6.795	99	2173	0.317	ng	0.00
8) Nitrobenzene-d5	8.771	82	1828	0.324	ng	0.00
11) 2-Methylnaphthalene-d10	11.996	152	2490	0.341	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	343	0.258	ng	0.00
15) 2-Fluorobiphenyl	12.888	172	4746	0.343	ng	0.00
27) Fluoranthene-d10	19.049	212	5605	0.335	ng	0.00
31) Terphenyl-d14	19.653	244	3905	0.427	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.421	198	4	0.027	ng	Qvalue # 1

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

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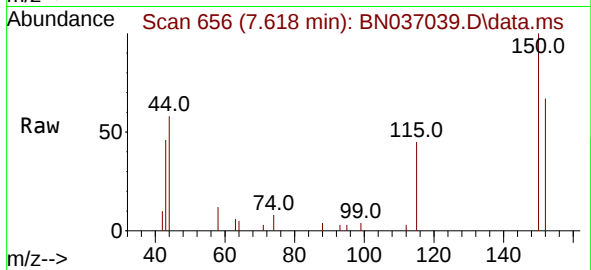
Quant Time: May 19 12:23:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



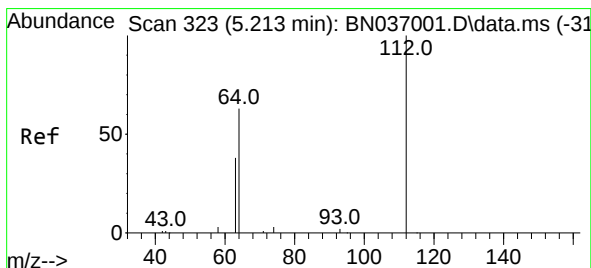
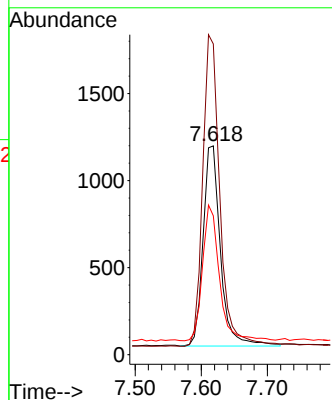
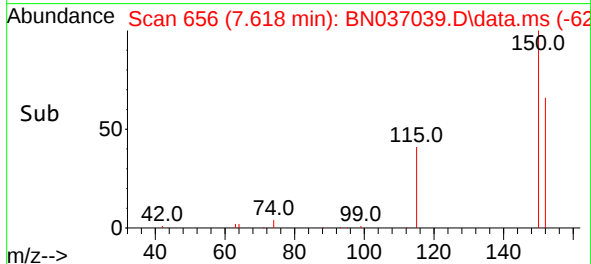


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.618 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN037039.D
Acq: 19 May 2025 11:26

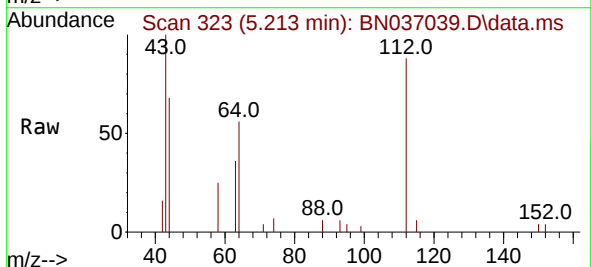
Instrument :
BNA_N
ClientSampleId :
PB168032BL



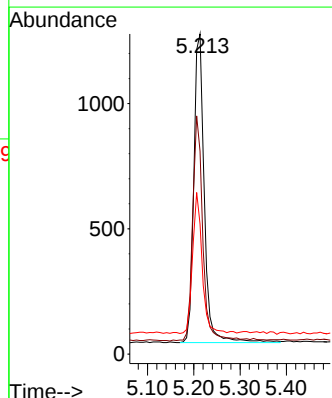
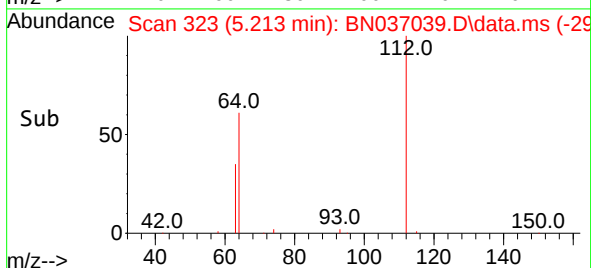
Tgt Ion:152 Resp: 2094
Ion Ratio Lower Upper
152 100
150 148.9 123.9 185.9
115 66.6 55.8 83.8

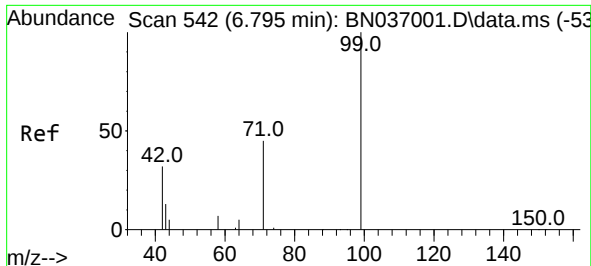


#4
2-Fluorophenol
Concen: 0.356 ng
RT: 5.213 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN037039.D
Acq: 19 May 2025 11:26



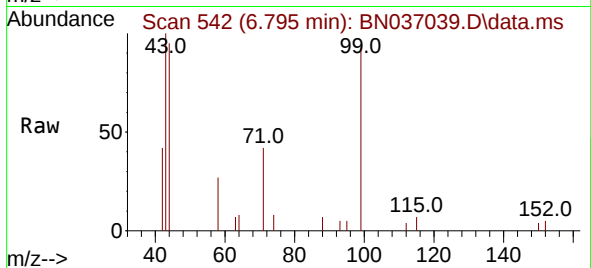
Tgt Ion:112 Resp: 1954
Ion Ratio Lower Upper
112 100
64 70.2 55.7 83.5
63 41.4 34.6 51.8



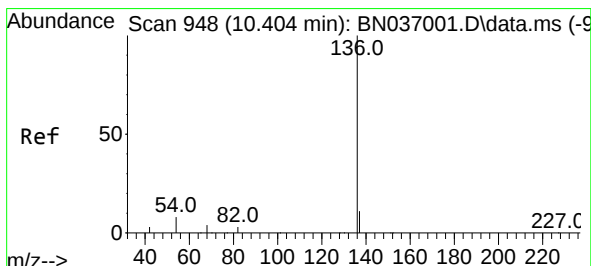
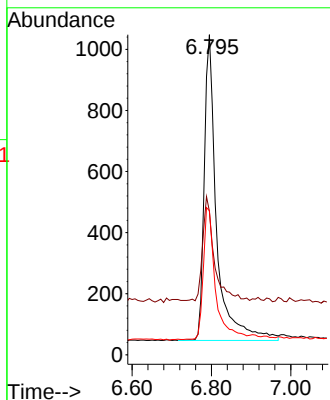
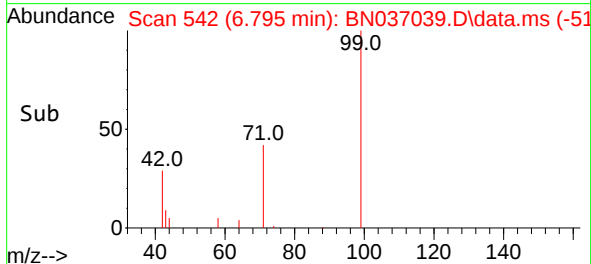


#5
Phenol-d6
Concen: 0.317 ng
RT: 6.795 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037039.D
Acq: 19 May 2025 11:26

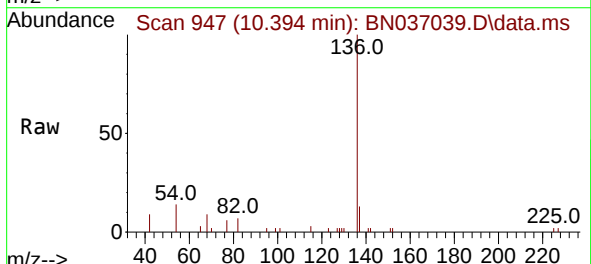
Instrument :
BNA_N
ClientSampleId :
PB168032BL



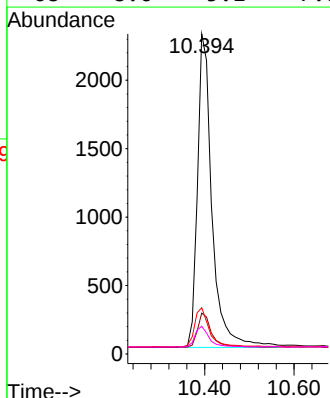
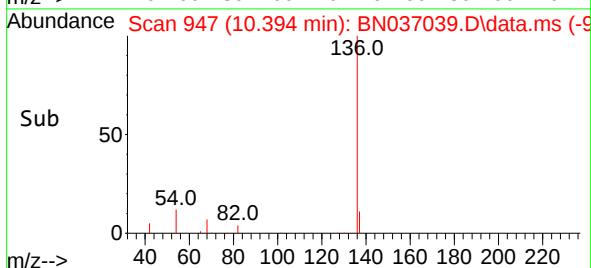
Tgt Ion:	99	Resp:	2173
Ion	Ratio	Lower	Upper
99	100		
42	32.1	29.3	43.9
71	42.0	35.7	53.5

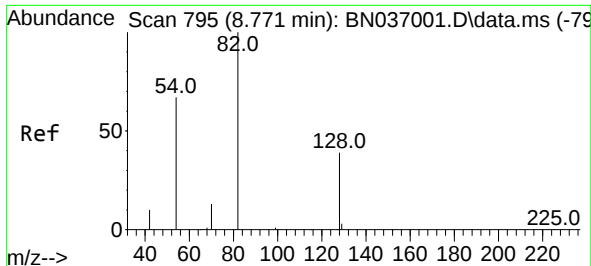


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037039.D
Acq: 19 May 2025 11:26



Tgt Ion:	136	Resp:	5188
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.4	15.6
54	14.5	8.5	12.7#
68	8.6	5.1	7.7#

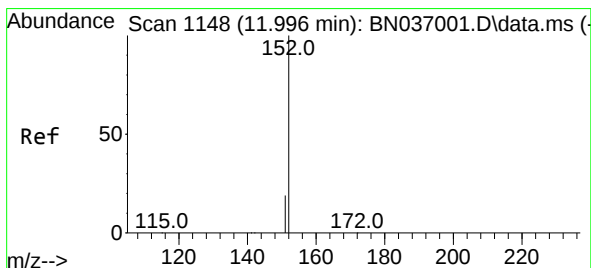
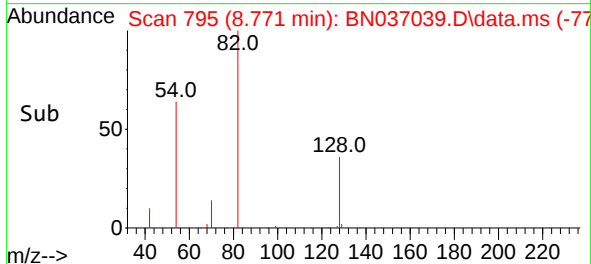
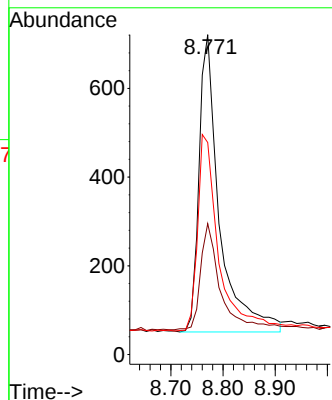
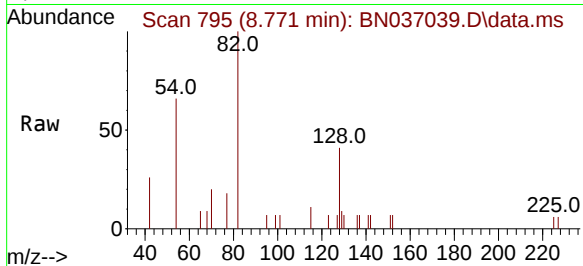




#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.771 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN037039.D
Acq: 19 May 2025 11:26

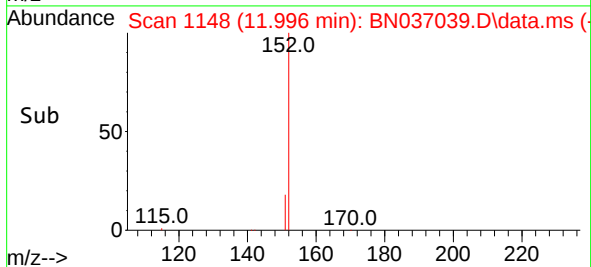
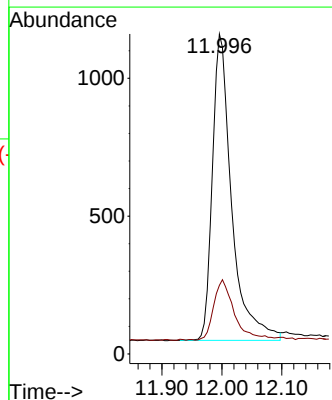
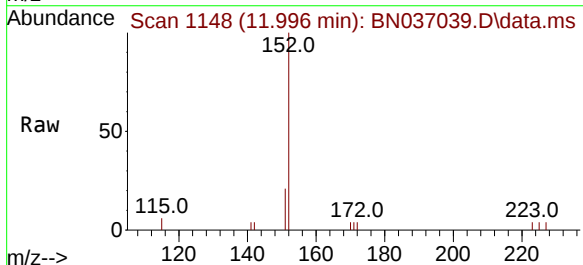
Instrument :
BNA_N
ClientSampleId :
PB168032BL

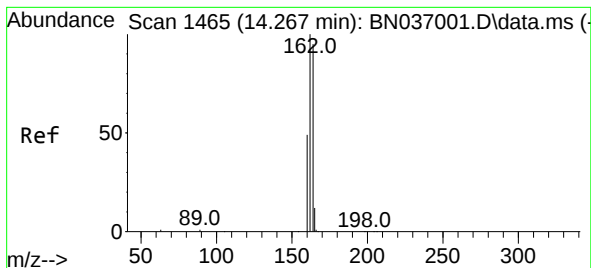
Tgt Ion: 82 Resp: 1828
Ion Ratio Lower Upper
82 100
128 40.9 34.0 51.0
54 66.3 55.0 82.4



#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 11.996 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BN037039.D
Acq: 19 May 2025 11:26

Tgt Ion: 152 Resp: 2490
Ion Ratio Lower Upper
152 100
151 21.1 17.5 26.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.267 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BN037039.D

Acq: 19 May 2025 11:26

Instrument :

BNA_N

ClientSampleId :

PB168032BL

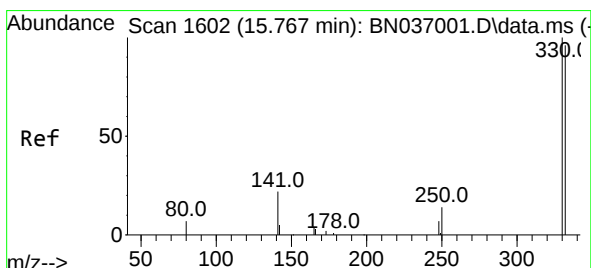
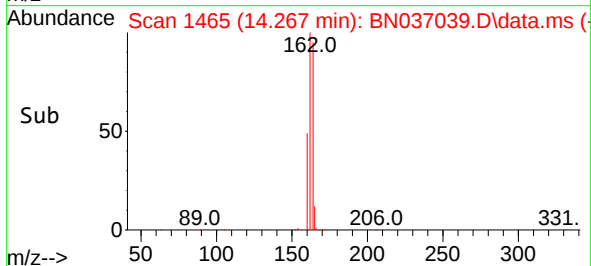
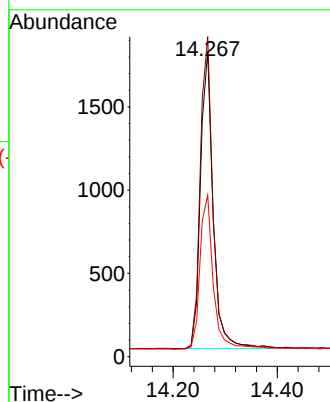
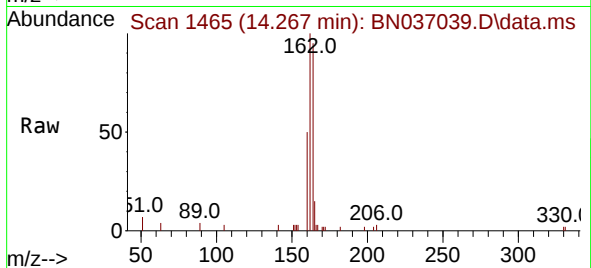
Tgt Ion:164 Resp: 3023

Ion Ratio Lower Upper

164 100

162 104.8 84.2 126.4

160 52.9 42.6 63.8



#14

2,4,6-Tribromophenol

Concen: 0.258 ng

RT: 15.767 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BN037039.D

Acq: 19 May 2025 11:26

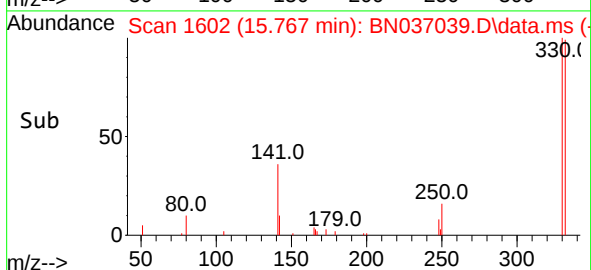
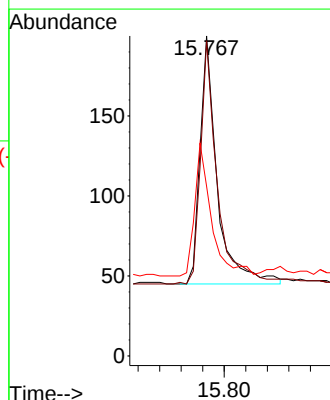
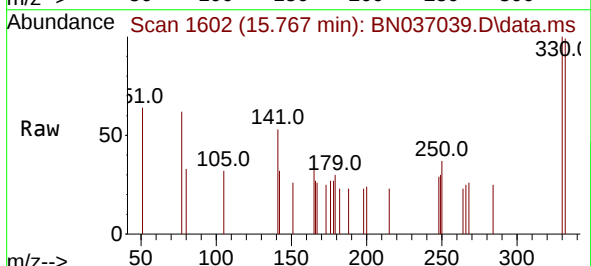
Tgt Ion:330 Resp: 343

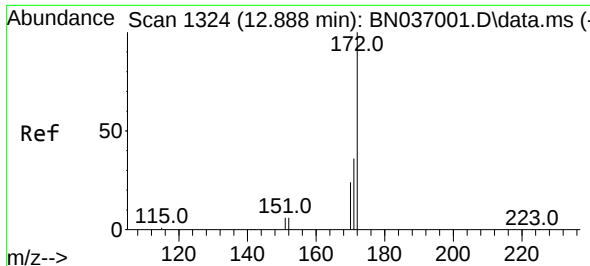
Ion Ratio Lower Upper

330 100

332 95.6 73.8 110.8

141 52.2 43.9 65.9

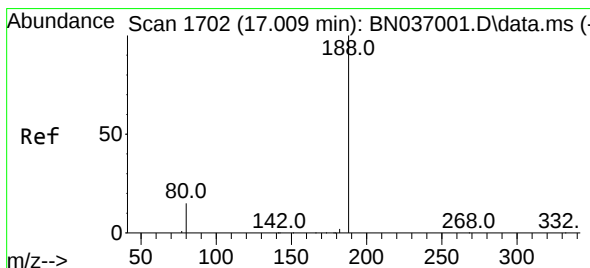
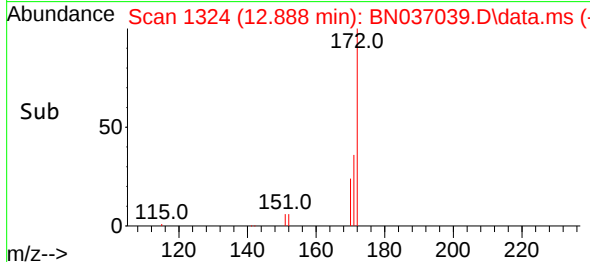
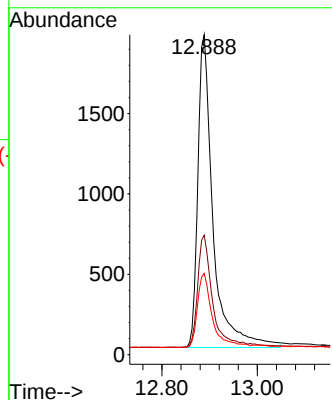
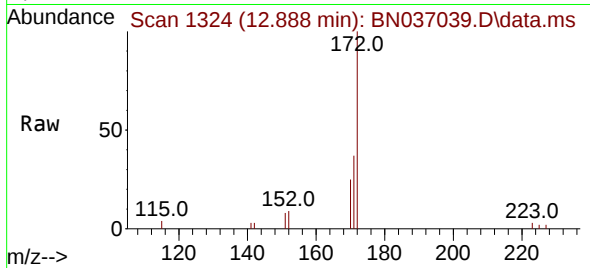




#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 12.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037039.D
Acq: 19 May 2025 11:26

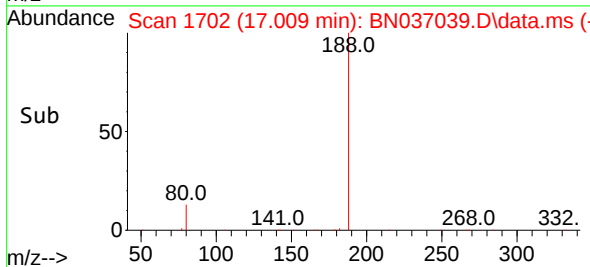
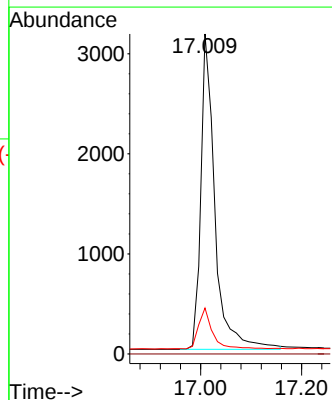
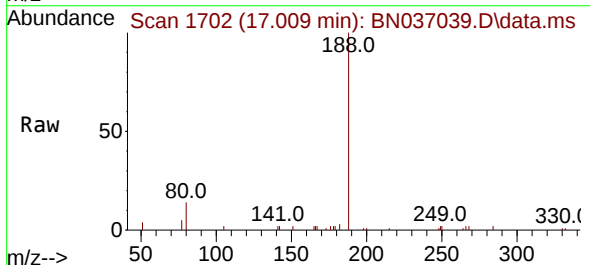
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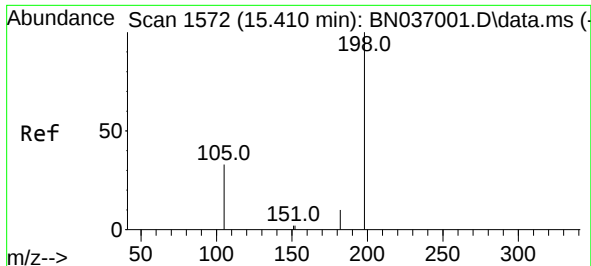
Tgt Ion:172 Resp: 4746
Ion Ratio Lower Upper
172 100
171 37.4 29.2 43.8
170 25.4 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037039.D
Acq: 19 May 2025 11:26

Tgt Ion:188 Resp: 6103
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 13.4 20.0

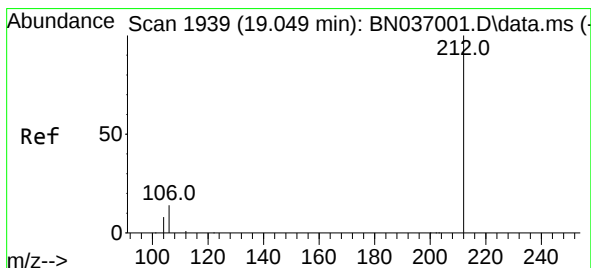
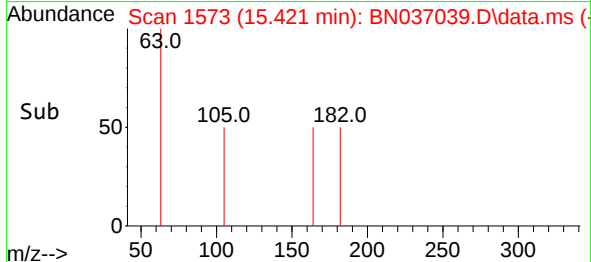
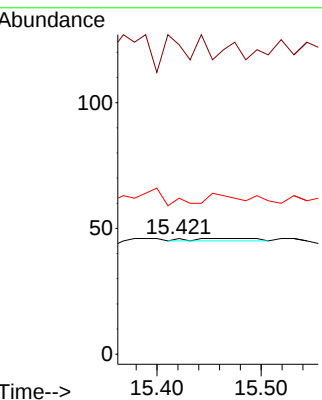
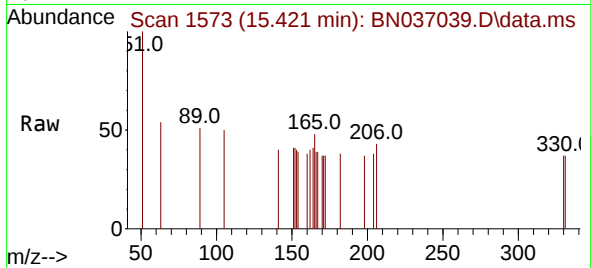




#20
4,6-Dinitro-2-methylphenol
Concen: 0.027 ng
RT: 15.421 min Scan# 1573
Delta R.T. 0.011 min
Lab File: BN037039.D
Acq: 19 May 2025 11:26

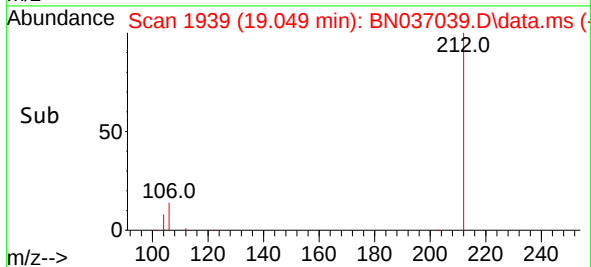
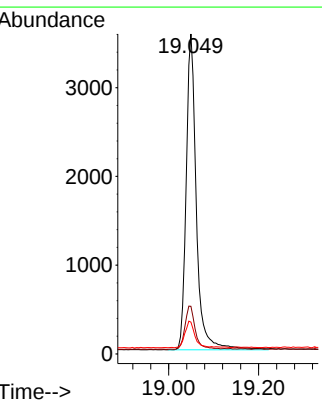
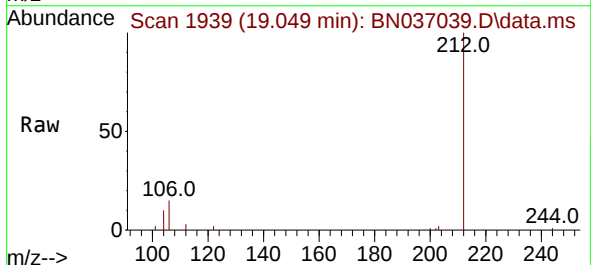
Instrument :
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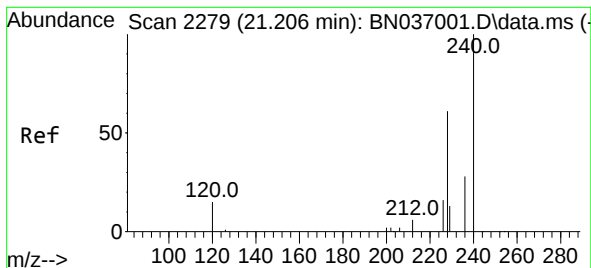
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 267.4 87.8 131.6#
105 134.8 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.049 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN037039.D
Acq: 19 May 2025 11:26

Tgt Ion:212 Resp: 5605
Ion Ratio Lower Upper
212 100
106 13.7 11.3 16.9
104 8.2 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.206 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037039.D

Acq: 19 May 2025 11:26

Instrument :

BNA_N

ClientSampleId :

PB168032BL

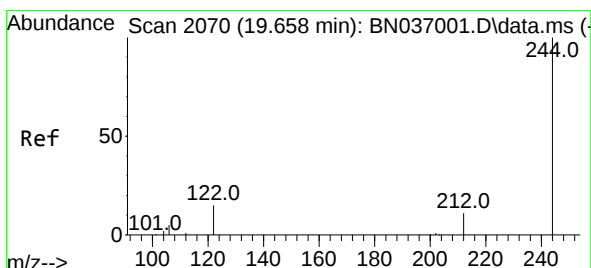
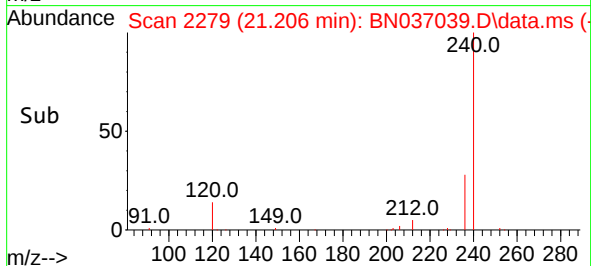
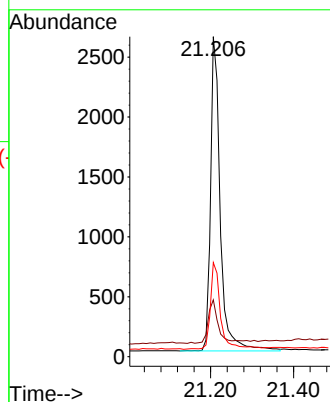
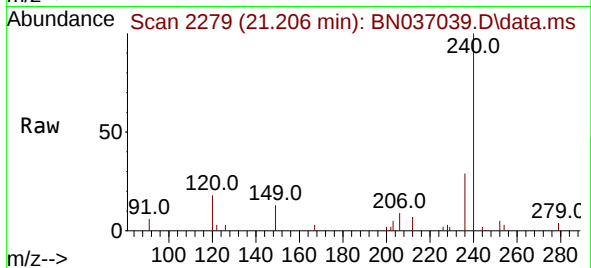
Tgt Ion:240 Resp: 4275

Ion Ratio Lower Upper

240 100

120 17.7 15.1 22.7

236 29.4 24.0 36.0



#31

Terphenyl-d14

Concen: 0.427 ng

RT: 19.653 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN037039.D

Acq: 19 May 2025 11:26

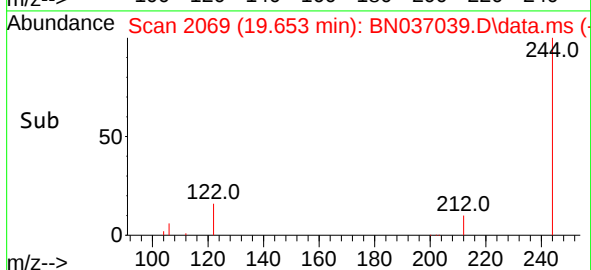
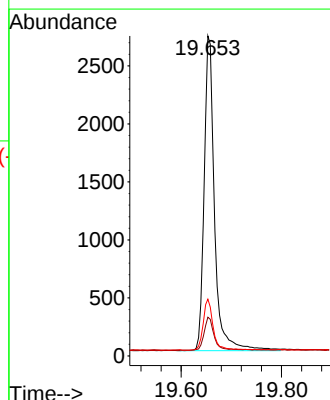
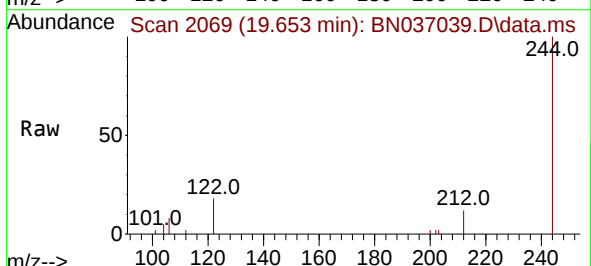
Tgt Ion:244 Resp: 3905

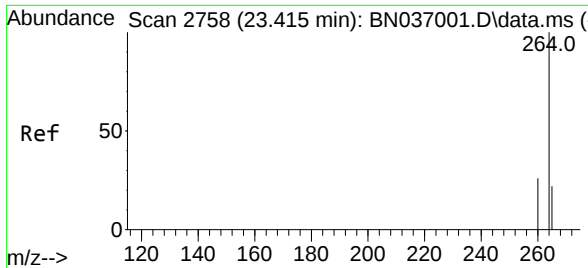
Ion Ratio Lower Upper

244 100

212 12.1 9.7 14.5

122 17.7 13.4 20.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.412 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN037039.D
 Acq: 19 May 2025 11:26

Instrument :
 BNA_N
 ClientSampleId :
 PB168032BL

Tgt Ion:	264	Resp:	3585
Ion Ratio	Lower	Upper	
264	100		
260	27.6	21.9	32.9
265	81.3	51.6	77.4#

