

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
 Data File : BN037010.D
 Acq On : 14 May 2025 11:20
 Operator : RC/JU
 Sample : PB167952BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167952BL

Quant Time: May 14 11:42:38 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)

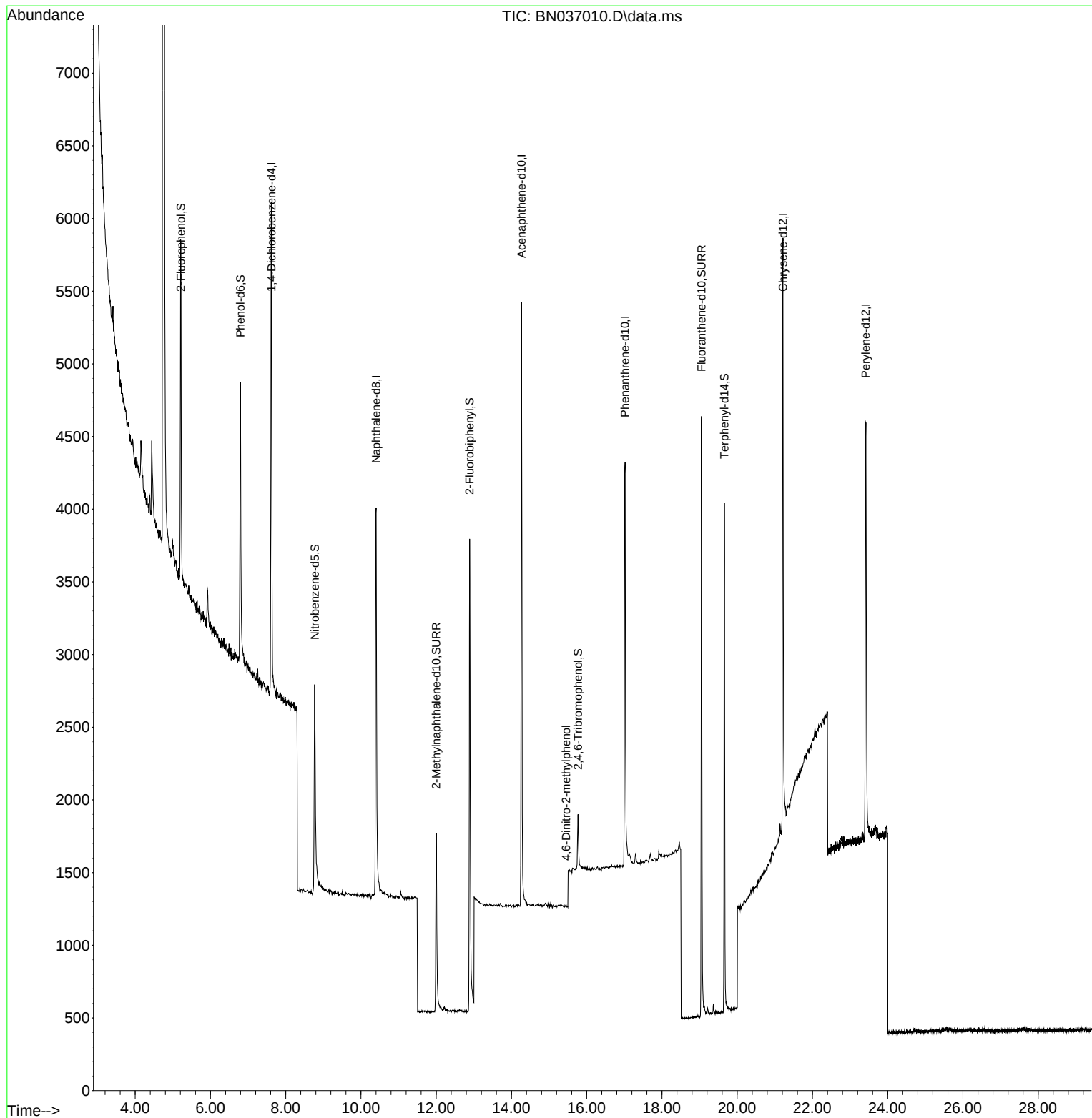
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	1697	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	4346	0.400	ng	0.00
13) Acenaphthene-d10	14.267	164	2391	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4921	0.400	ng	# 0.01
29) Chrysene-d12	21.215	240	4198	0.400	ng	# 0.00
35) Perylene-d12	23.418	264	4092	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	1709	0.384	ng	0.00
5) Phenol-d6	6.795	99	1851	0.333	ng	0.00
8) Nitrobenzene-d5	8.771	82	1627	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.001	152	2197	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	253	0.241	ng	0.00
15) 2-Fluorobiphenyl	12.888	172	4068	0.372	ng	0.00
27) Fluoranthene-d10	19.054	212	4929	0.365	ng	0.00
31) Terphenyl-d14	19.658	244	3485	0.388	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.453	198	2	0.026	ng	# 1

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

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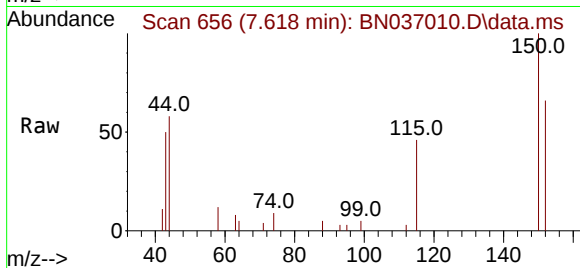
Quant Time: May 14 11:42:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
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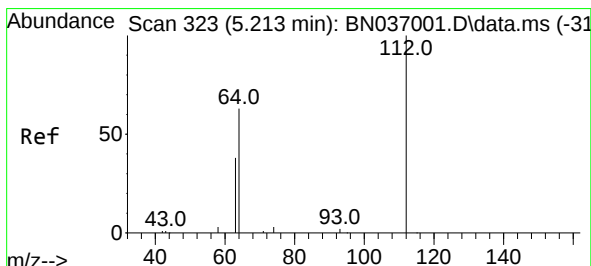
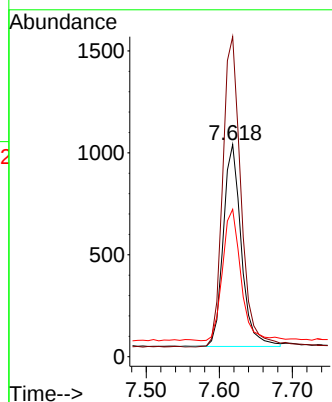
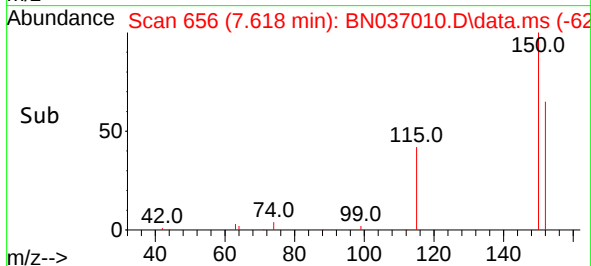


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.618 min Scan# 656
Delta R.T. 0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

Instrument :
BNA_N
ClientSampleId :
PB167952BL

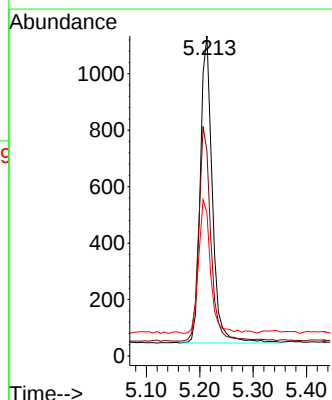
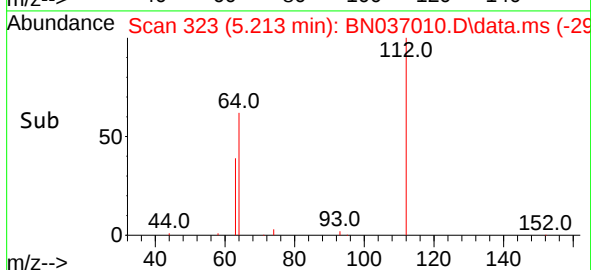
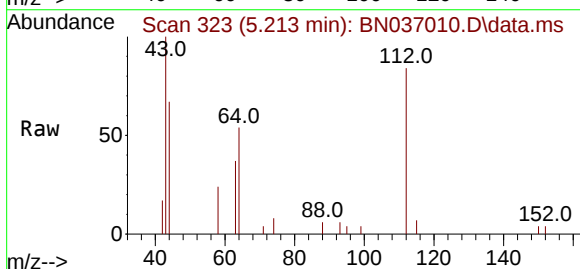


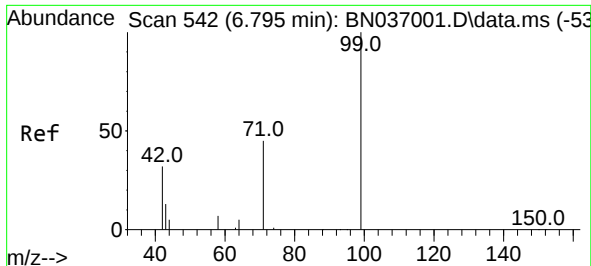
Tgt Ion:152 Resp: 1697
Ion Ratio Lower Upper
152 100
150 150.8 123.9 185.9
115 69.5 55.8 83.8



#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.213 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

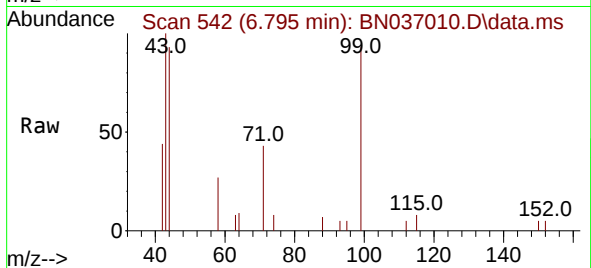
Tgt Ion:112 Resp: 1709
Ion Ratio Lower Upper
112 100
64 69.1 55.7 83.5
63 43.0 34.6 51.8



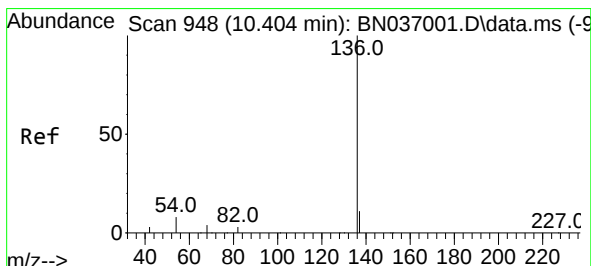
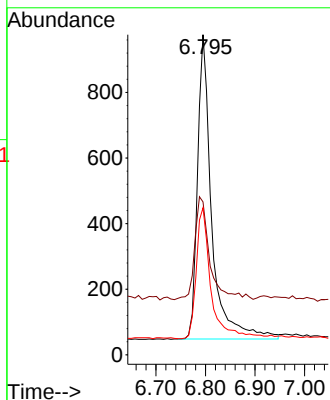
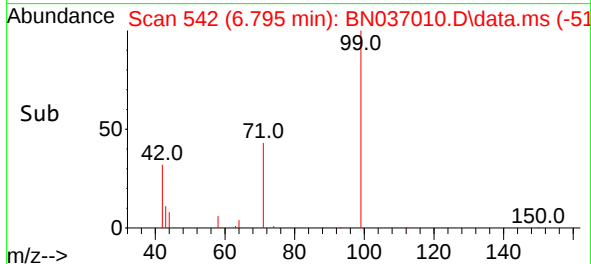


#5
Phenol-d6
Concen: 0.333 ng
RT: 6.795 min Scan# 542
Delta R.T. -0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

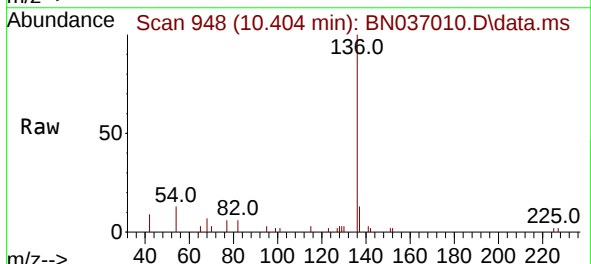
Instrument :
BNA_N
ClientSampleId :
PB167952BL



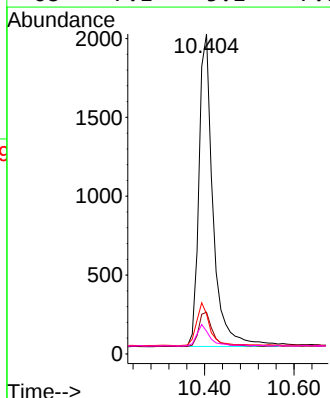
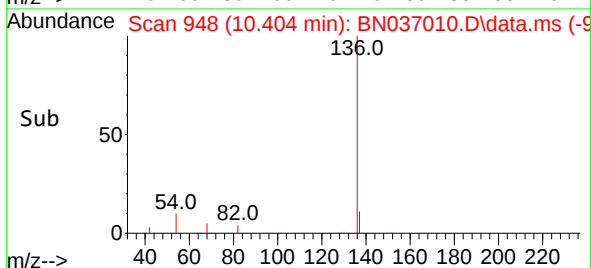
Tgt Ion:	99	Resp:	1851
Ion	Ratio	Lower	Upper
99	100		
42	35.4	29.3	43.9
71	44.7	35.7	53.5

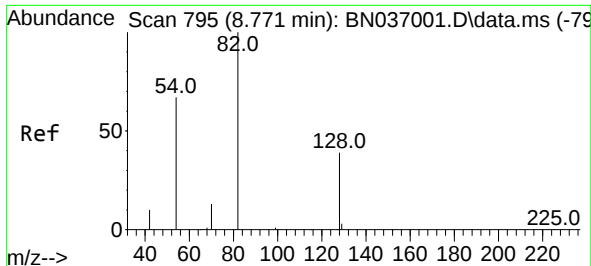


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.404 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20



Tgt Ion:	136	Resp:	4346
Ion	Ratio	Lower	Upper
136	100		
137	13.1	10.4	15.6
54	12.5	8.5	12.7
68	7.1	5.1	7.7

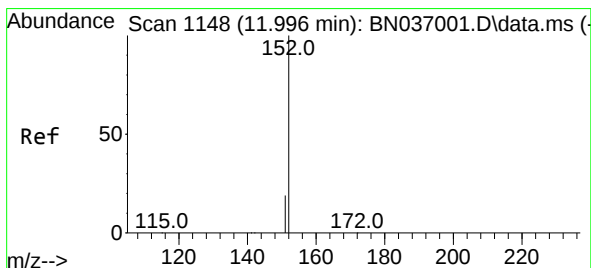
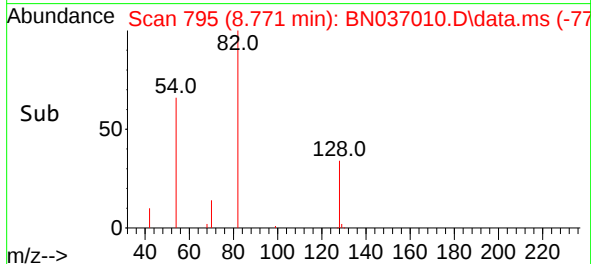
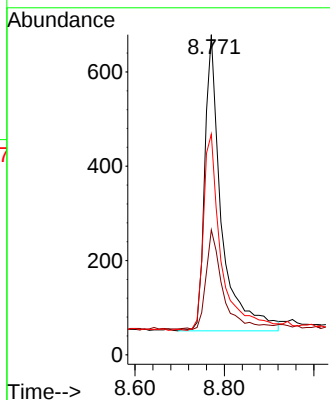
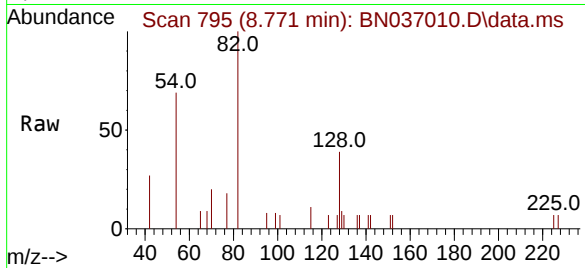




#8
 Nitrobenzene-d5
 Concen: 0.344 ng
 RT: 8.771 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BN037010.D
 Acq: 14 May 2025 11:20

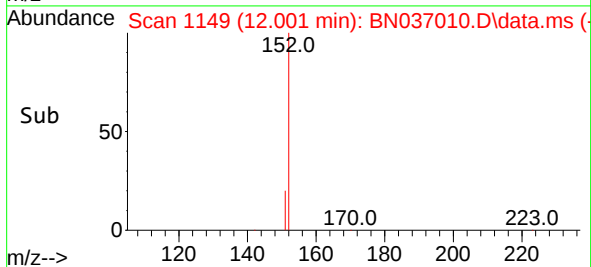
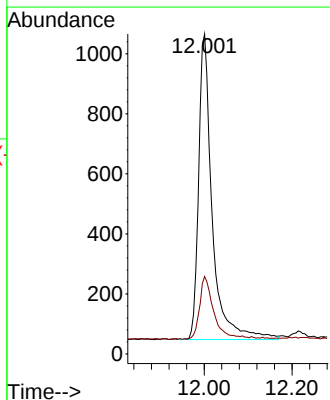
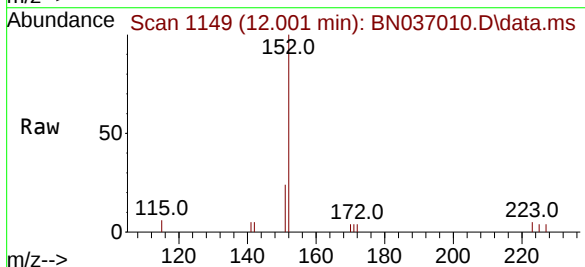
Instrument :
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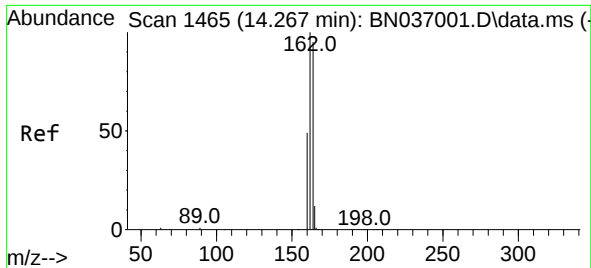
Tgt Ion:	82	Resp:	1627
Ion	Ratio	Lower	Upper
82	100		
128	39.0	34.0	51.0
54	68.9	55.0	82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.359 ng
 RT: 12.001 min Scan# 1149
 Delta R.T. 0.005 min
 Lab File: BN037010.D
 Acq: 14 May 2025 11:20

Tgt Ion:	152	Resp:	2197
Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.5	26.3

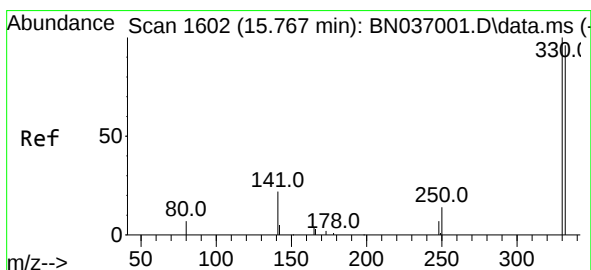
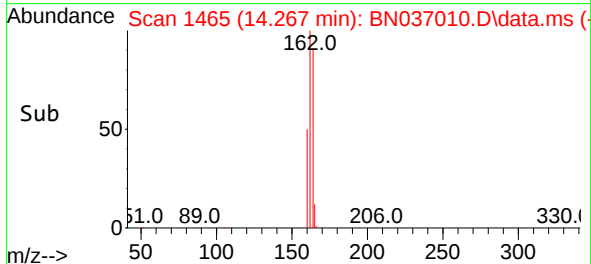
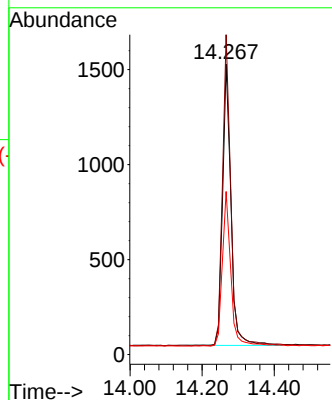
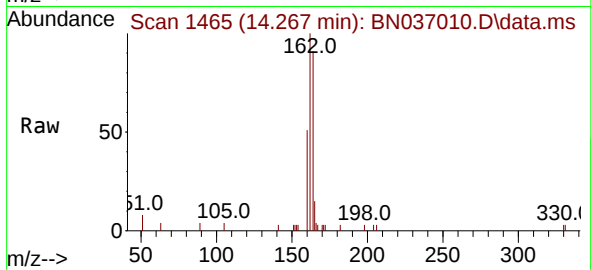




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

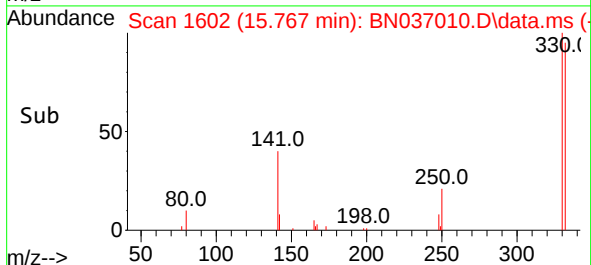
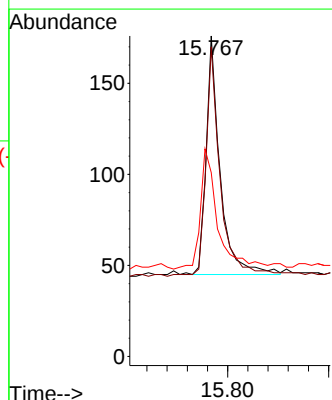
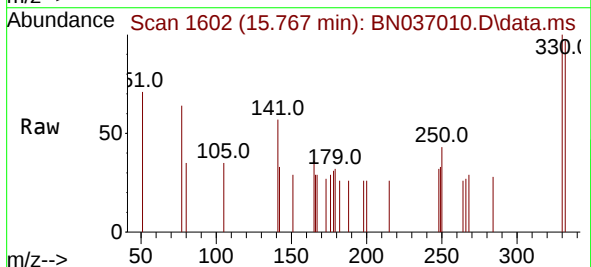
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ClientSampleId :
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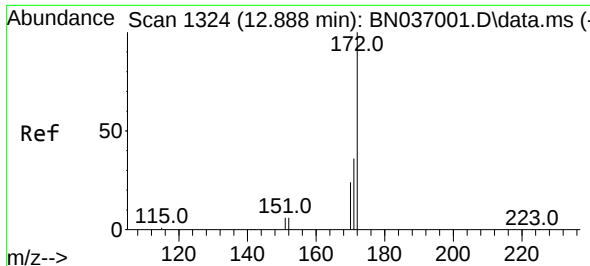
Tgt Ion:164 Resp: 2391
Ion Ratio Lower Upper
164 100
162 110.1 84.2 126.4
160 56.2 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

Tgt Ion:330 Resp: 253
Ion Ratio Lower Upper
330 100
332 98.8 73.8 110.8
141 62.1 43.9 65.9

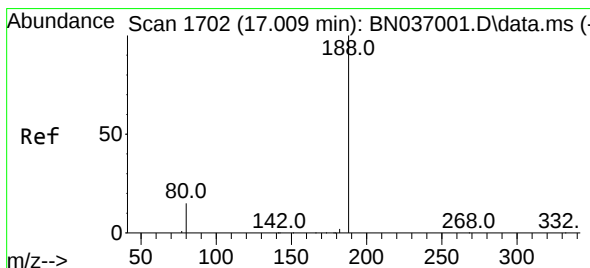
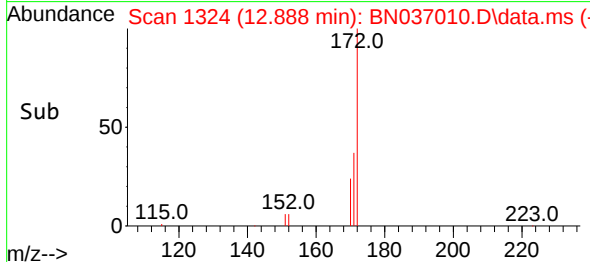
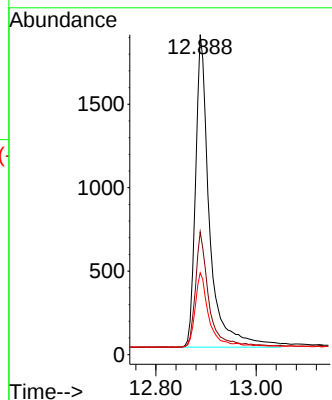
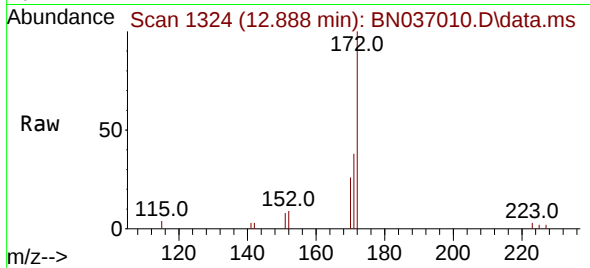




#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 12.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

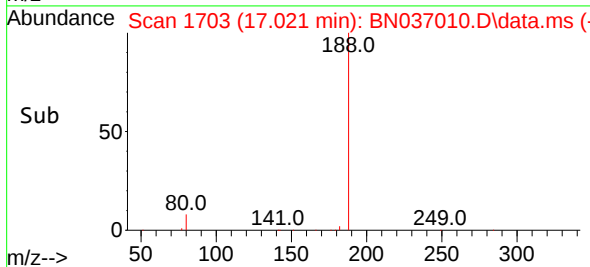
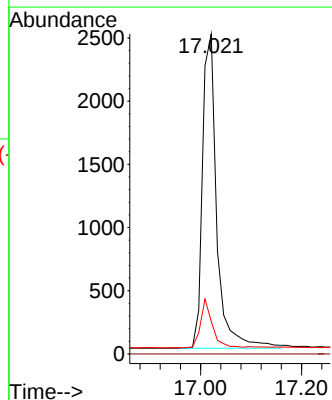
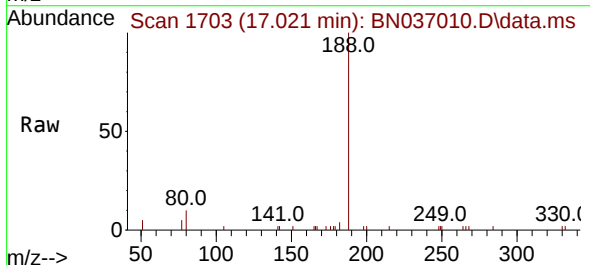
Instrument :
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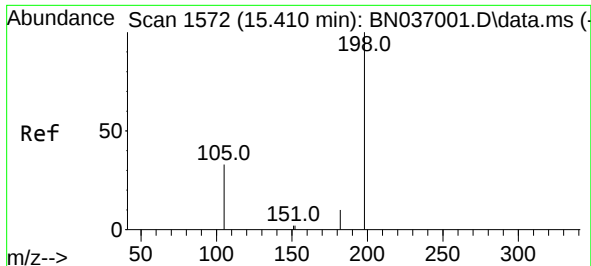
Tgt Ion:172 Resp: 4068
Ion Ratio Lower Upper
172 100
171 38.4 29.2 43.8
170 25.6 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. 0.012 min
Lab File: BN037010.D
Acq: 14 May 2025 11:20

Tgt Ion:188 Resp: 4921
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 13.4 20.0#

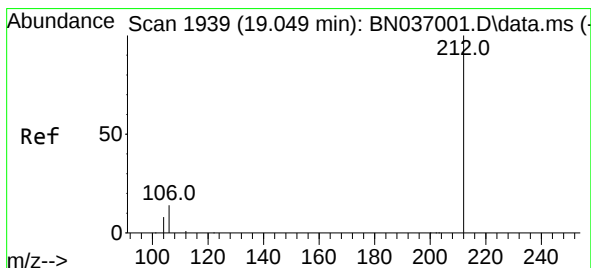
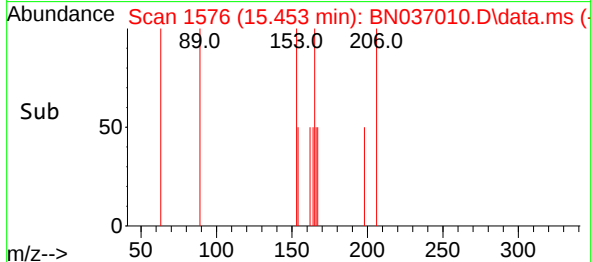
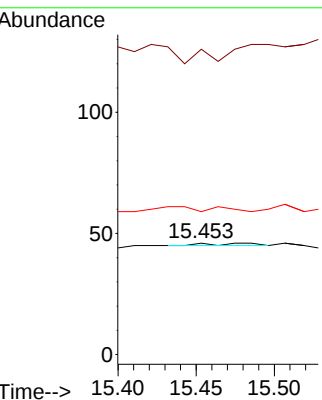
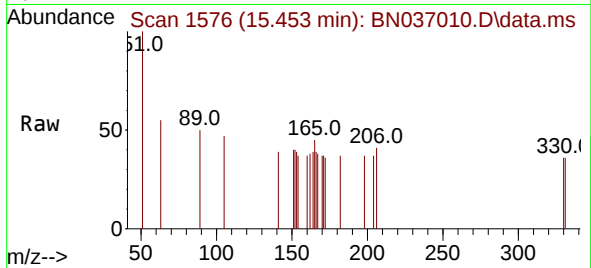




#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.026 ng
 RT: 15.453 min Scan# 11
 Delta R.T. 0.043 min
 Lab File: BN037010.D
 Acq: 14 May 2025 11:20

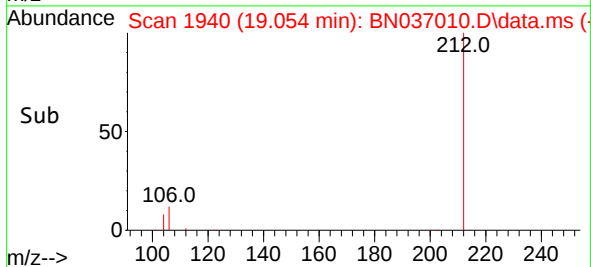
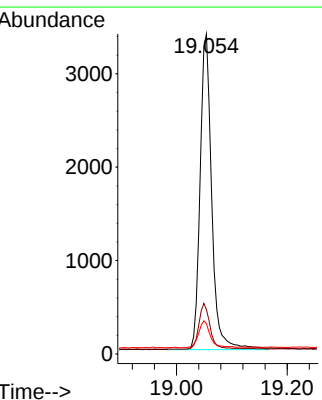
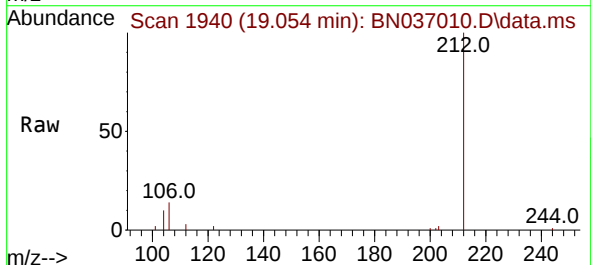
Instrument :
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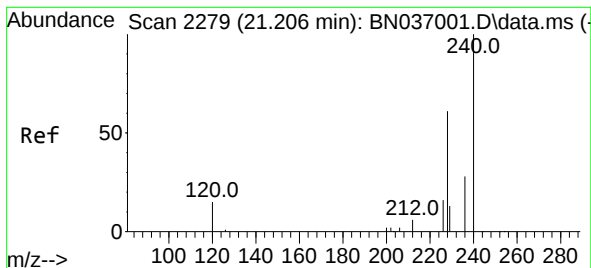
Tgt Ion:198 Resp: 2
 Ion Ratio Lower Upper
 198 100
 51 273.9 87.8 131.6#
 105 128.3 44.2 66.4#



#27
 Fluoranthene-d10
 Concen: 0.365 ng
 RT: 19.054 min Scan# 1940
 Delta R.T. 0.005 min
 Lab File: BN037010.D
 Acq: 14 May 2025 11:20

Tgt Ion:212 Resp: 4929
 Ion Ratio Lower Upper
 212 100
 106 14.0 11.3 16.9
 104 8.7 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.215 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN037010.D

Acq: 14 May 2025 11:20

Instrument :

BNA_N

ClientSampleId :

PB167952BL

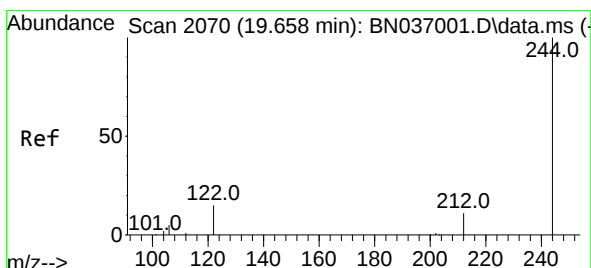
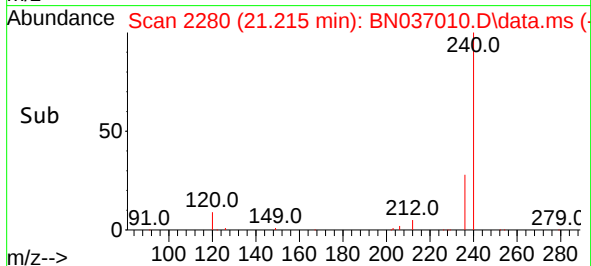
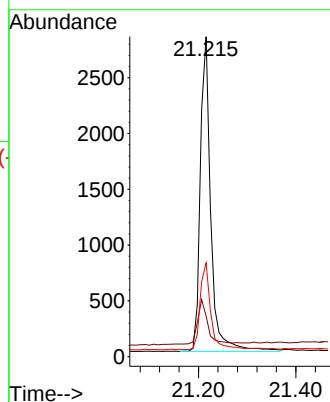
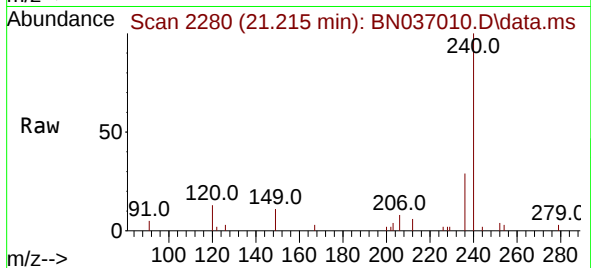
Tgt Ion:240 Resp: 4198

Ion Ratio Lower Upper

240 100

120 12.7 15.1 22.7#

236 29.3 24.0 36.0



#31

Terphenyl-d14

Concen: 0.388 ng

RT: 19.658 min Scan# 2070

Delta R.T. 0.000 min

Lab File: BN037010.D

Acq: 14 May 2025 11:20

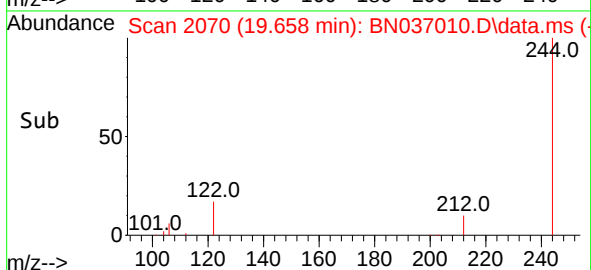
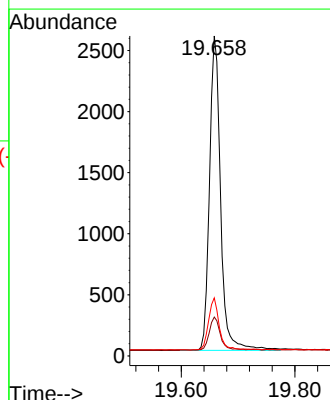
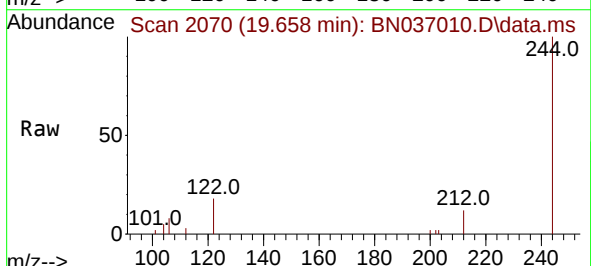
Tgt Ion:244 Resp: 3485

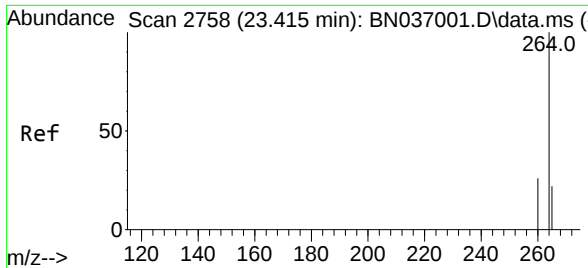
Ion Ratio Lower Upper

244 100

212 12.1 9.7 14.5

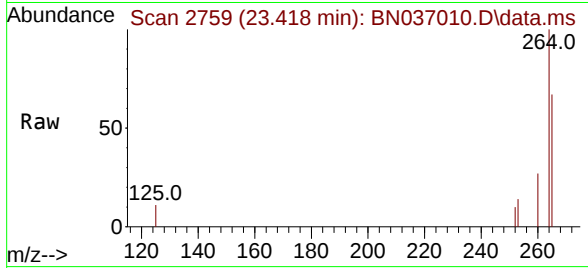
122 18.1 13.4 20.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.418 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN037010.D
 Acq: 14 May 2025 11:20

Instrument :
 BNA_N
 ClientSampleId :
 PB167952BL



Tgt Ion:264 Resp: 4092

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.9	32.9
265	67.1	51.6	77.4

