

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037058.D
 Acq On : 19 May 2025 23:30
 Operator : RC/JU
 Sample : PB168032BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168032BL

Quant Time: May 20 01:14:52 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)

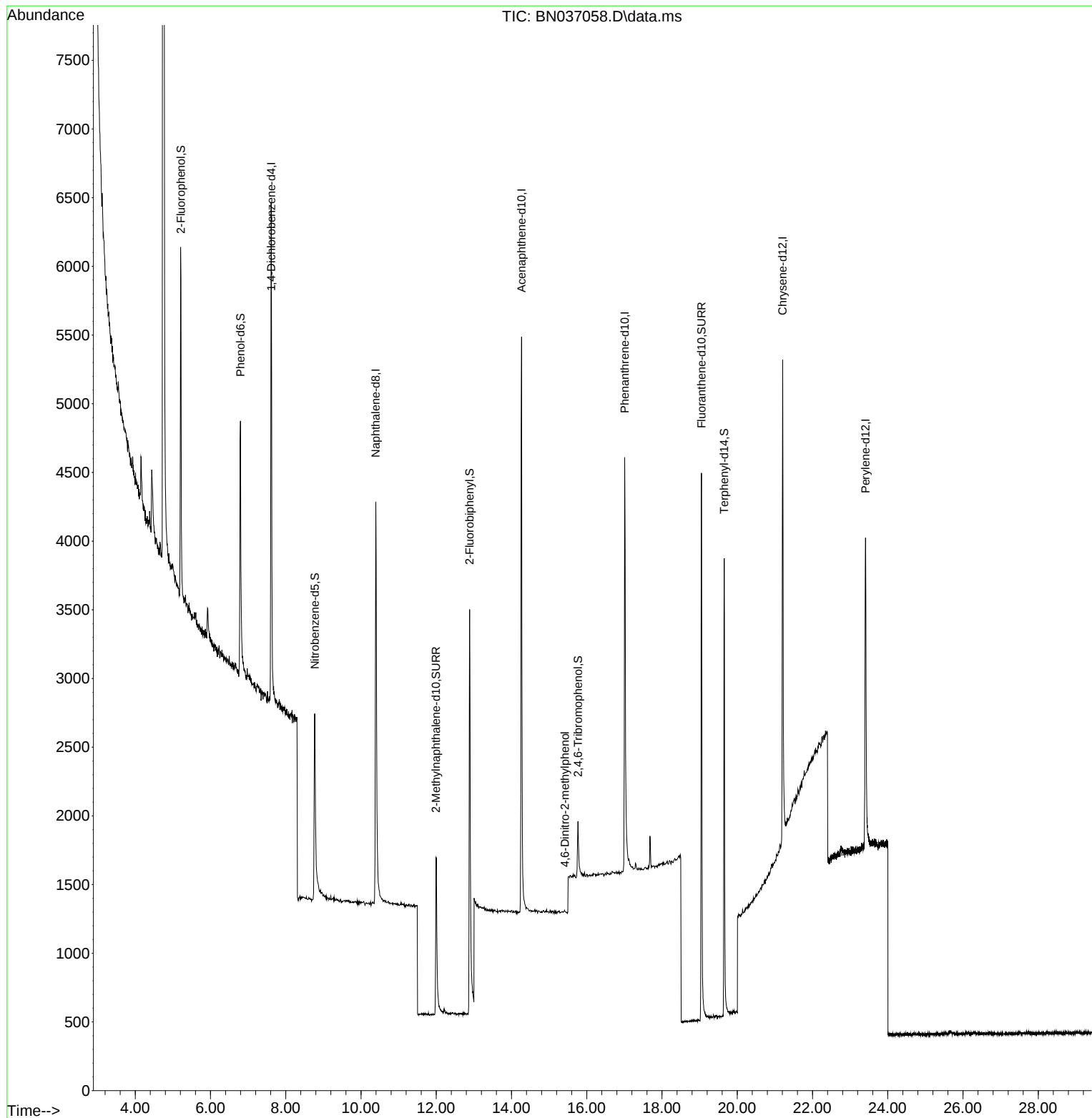
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1942	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4874	0.400	ng	#-0.01
13) Acenaphthene-d10	14.267	164	2777	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	5502	0.400	ng	0.00
29) Chrysene-d12	21.206	240	3937	0.400	ng	0.00
35) Perylene-d12	23.409	264	3356	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	1778	0.349	ng	0.00
5) Phenol-d6	6.795	99	2013	0.316	ng	0.00
8) Nitrobenzene-d5	8.771	82	1706	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	11.996	152	2376	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	307	0.252	ng	0.00
15) 2-Fluorobiphenyl	12.888	172	4394	0.346	ng	0.00
27) Fluoranthene-d10	19.049	212	5152	0.341	ng	0.00
31) Terphenyl-d14	19.653	244	3595	0.427	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.421	198	1	0.025	ng	Qvalue # 1

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

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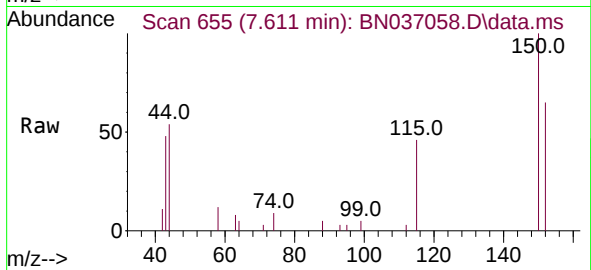
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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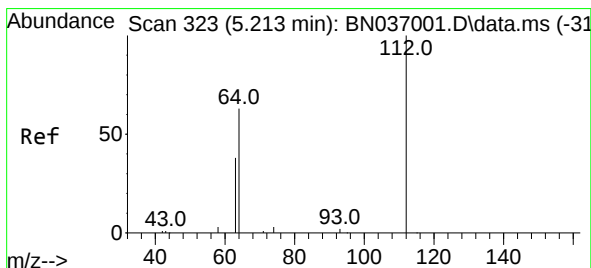
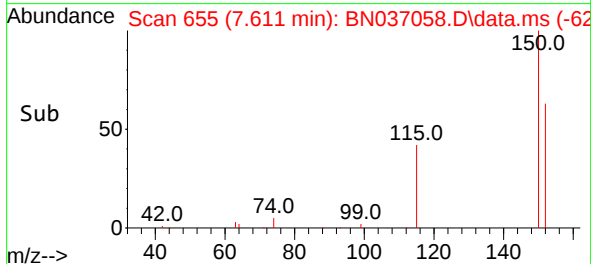
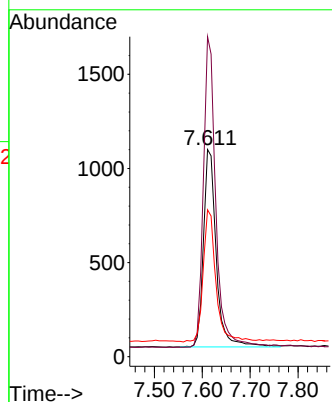
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 611
Delta R.T. -0.007 min
Lab File: BN037058.D
Acq: 19 May 2025 23:30

Instrument :
BNA_N
ClientSampleId :
PB168032BL



Tgt Ion:152 Resp: 1942

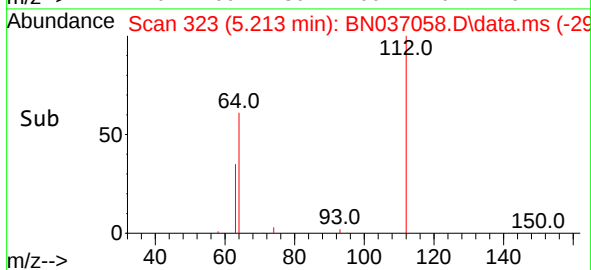
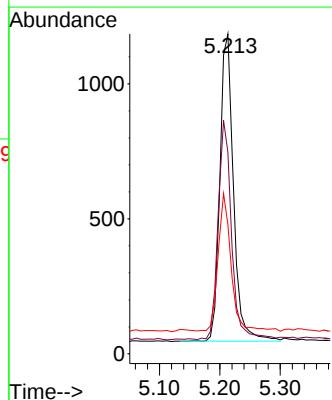
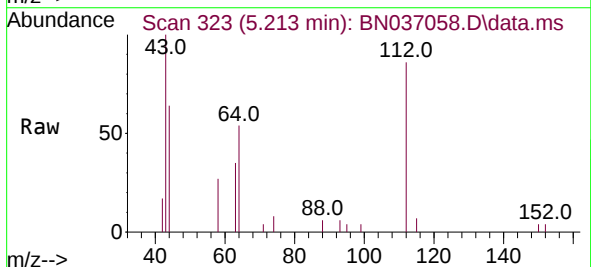
Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.9	185.9
115	70.8	55.8	83.8

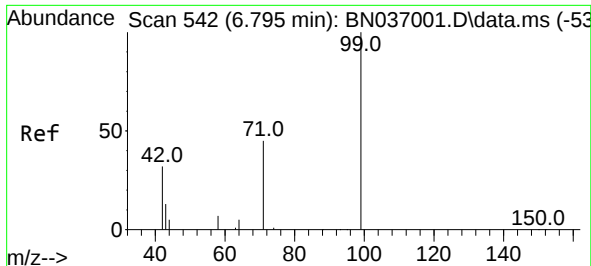


#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.213 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN037058.D
Acq: 19 May 2025 23:30

Tgt Ion:112 Resp: 1778

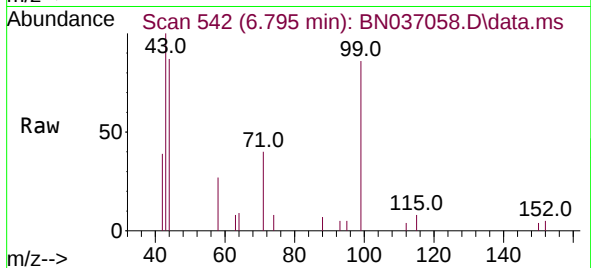
Ion	Ratio	Lower	Upper
112	100		
64	70.7	55.7	83.5
63	42.8	34.6	51.8



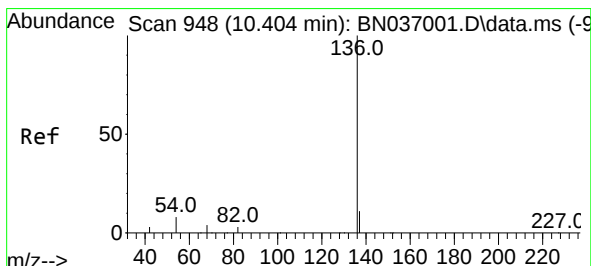
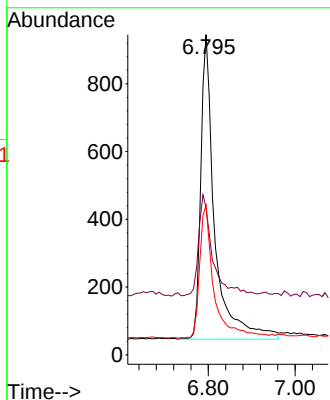
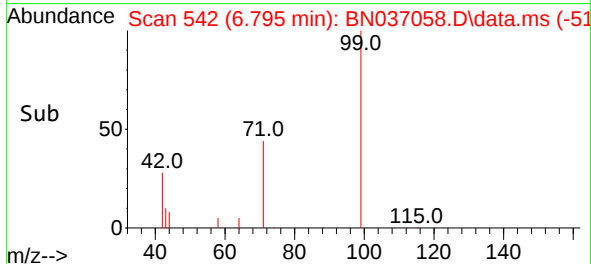


#5
Phenol-d6
Concen: 0.316 ng
RT: 6.795 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN037058.D
Acq: 19 May 2025 23:30

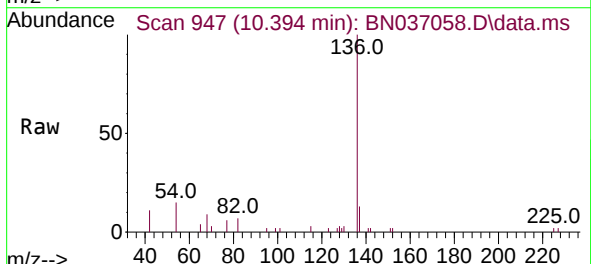
Instrument :
BNA_N
ClientSampleId :
PB168032BL



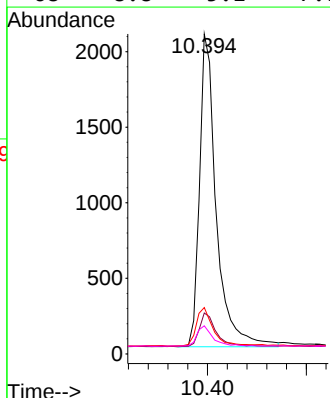
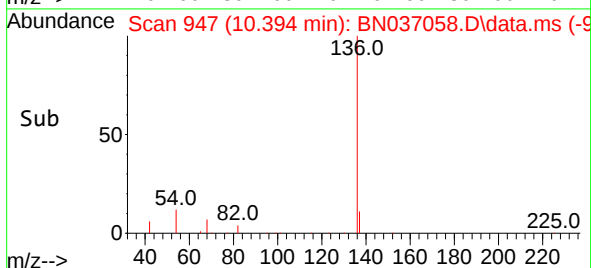
Tgt Ion:	99	Resp:	2013
Ion	Ratio	Lower	Upper
99	100		
42	33.0	29.3	43.9
71	44.9	35.7	53.5

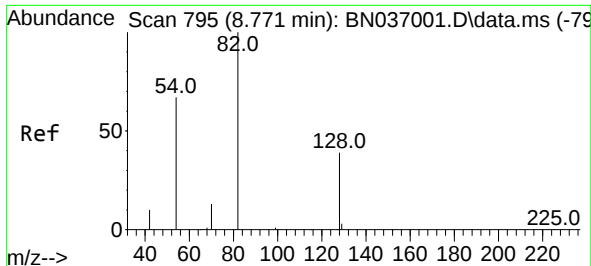


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037058.D
Acq: 19 May 2025 23:30



Tgt Ion:	136	Resp:	4874
Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.4	15.6
54	14.5	8.5	12.7#
68	8.8	5.1	7.7#





#8
 Nitrobenzene-d5
 Concen: 0.321 ng
 RT: 8.771 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BN037058.D
 Acq: 19 May 2025 23:30

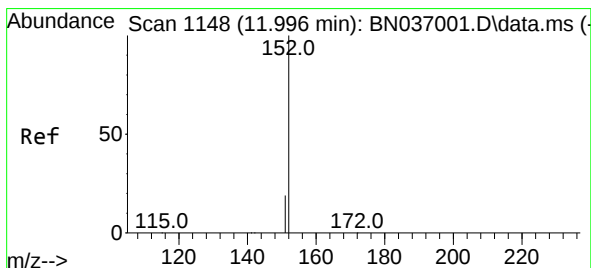
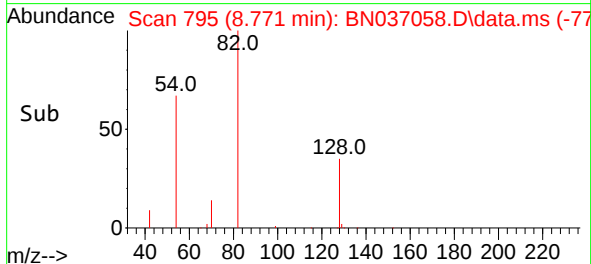
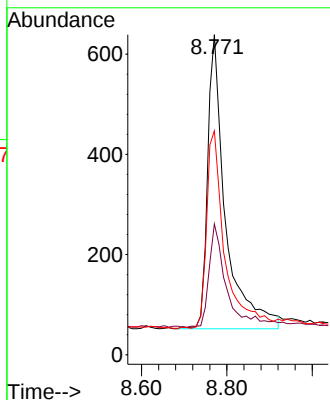
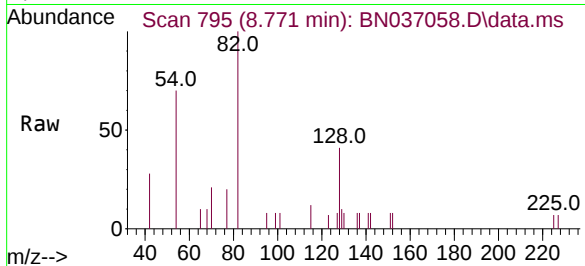
Instrument :

BNA_N

ClientSampleId :

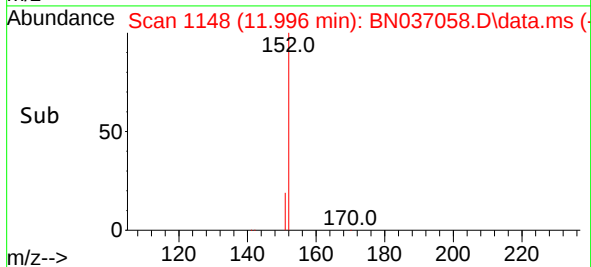
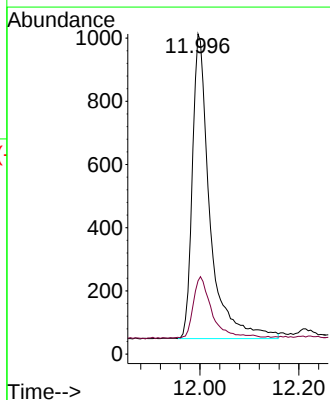
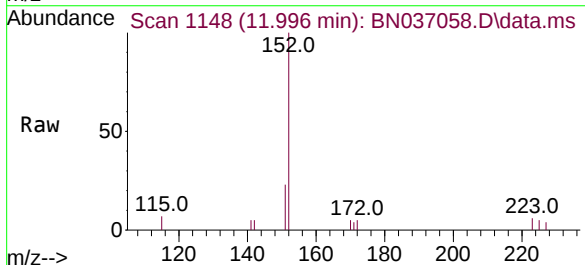
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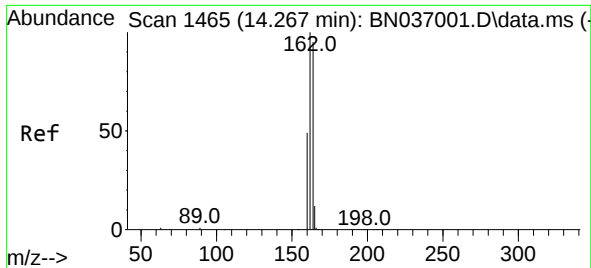
Tgt Ion: 82 Resp: 1706
 Ion Ratio Lower Upper
 82 100
 128 40.8 34.0 51.0
 54 70.0 55.0 82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.346 ng
 RT: 11.996 min Scan# 1148
 Delta R.T. 0.000 min
 Lab File: BN037058.D
 Acq: 19 May 2025 23:30

Tgt Ion: 152 Resp: 2376
 Ion Ratio Lower Upper
 152 100
 151 21.2 17.5 26.3

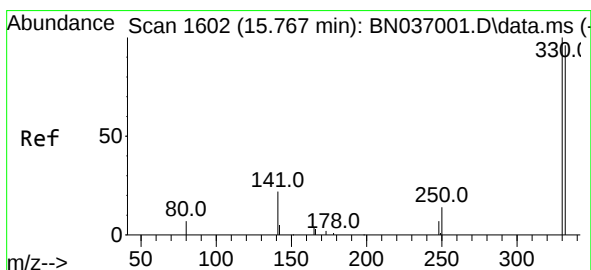
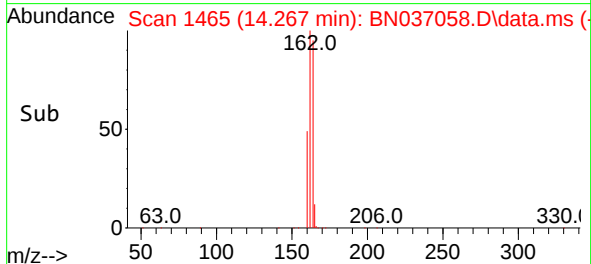
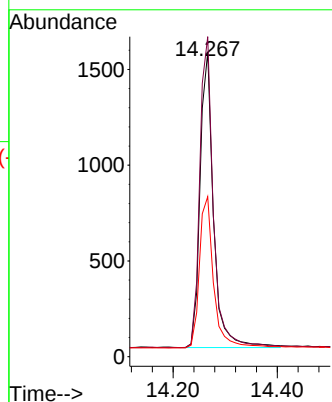
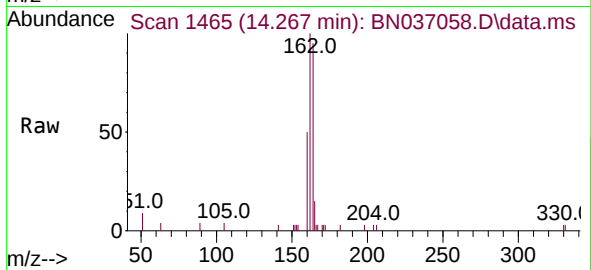




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037058.D
Acq: 19 May 2025 23:30

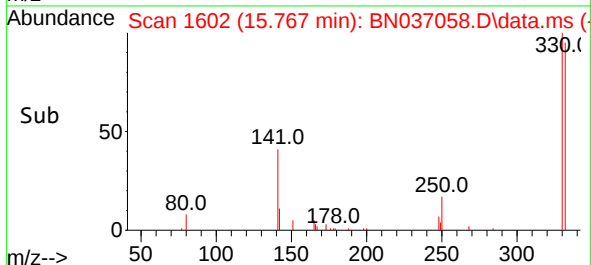
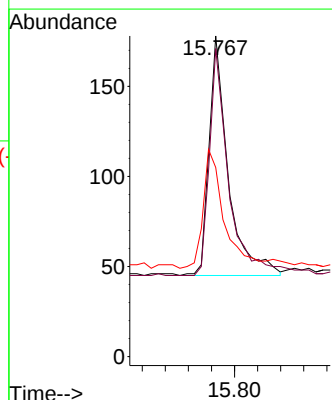
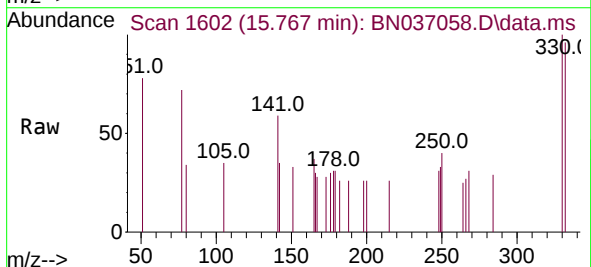
Instrument :
BNA_N
ClientSampleId :
PB168032BL

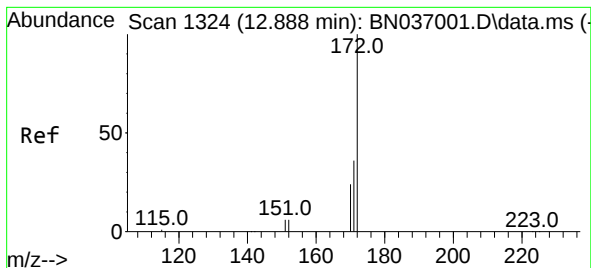
Tgt Ion:164 Resp: 2777
Ion Ratio Lower Upper
164 100
162 105.1 84.2 126.4
160 52.6 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN037058.D
Acq: 19 May 2025 23:30

Tgt Ion:330 Resp: 307
Ion Ratio Lower Upper
330 100
332 95.4 73.8 110.8
141 54.4 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.346 ng

RT: 12.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037058.D

Acq: 19 May 2025 23:30

Instrument :

BNA_N

ClientSampleId :

PB168032BL

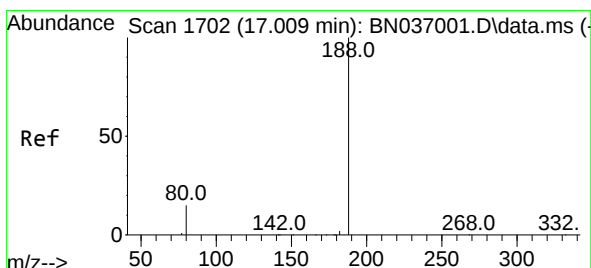
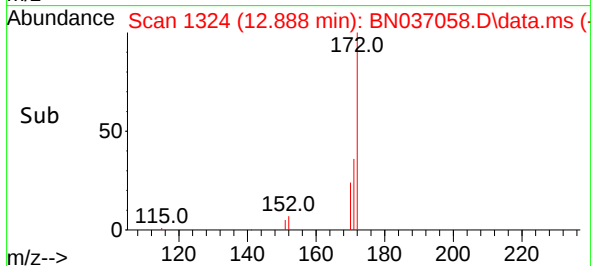
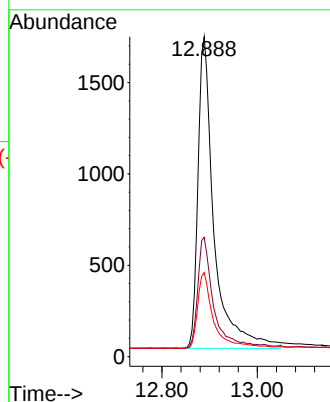
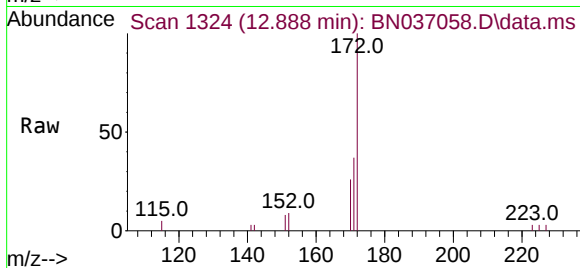
Tgt Ion:172 Resp: 4394

Ion Ratio Lower Upper

172 100

171 37.3 29.2 43.8

170 26.3 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: BN037058.D

Acq: 19 May 2025 23:30

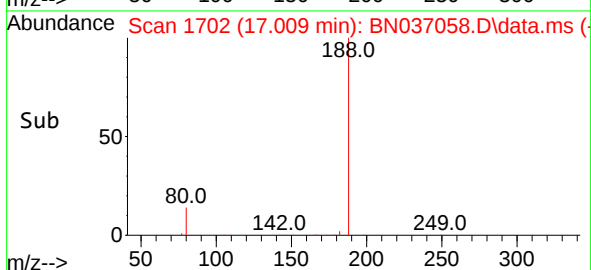
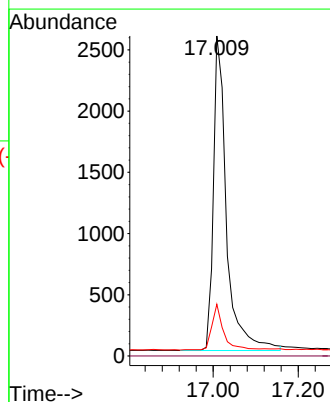
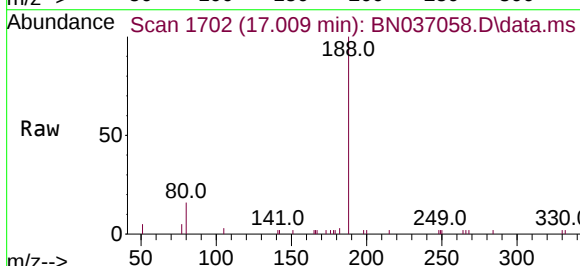
Tgt Ion:188 Resp: 5502

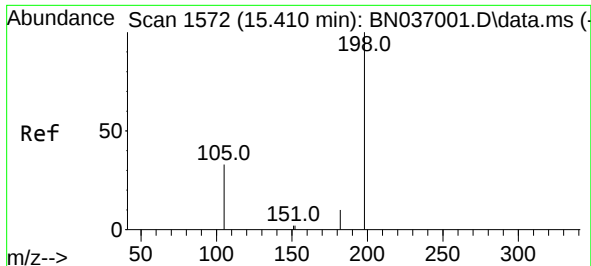
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.2 13.4 20.0

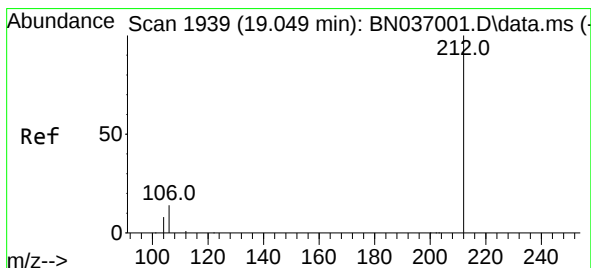
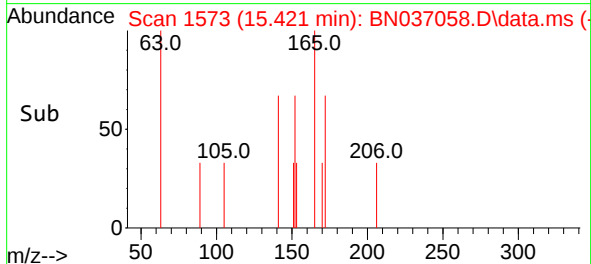
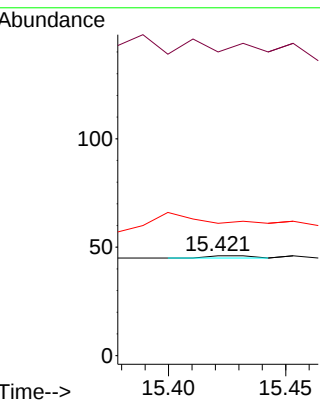
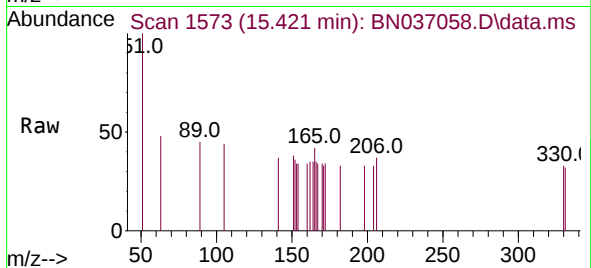




#20
4,6-Dinitro-2-methylphenol
Concen: 0.025 ng
RT: 15.421 min Scan# 1573
Delta R.T. 0.011 min
Lab File: BN037058.D
Acq: 19 May 2025 23:30

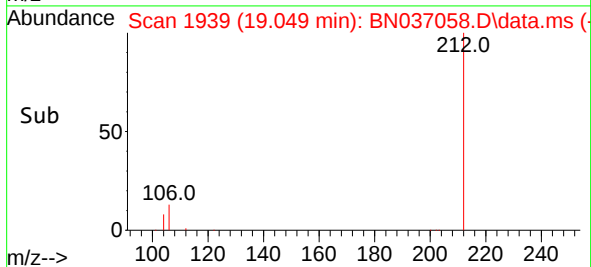
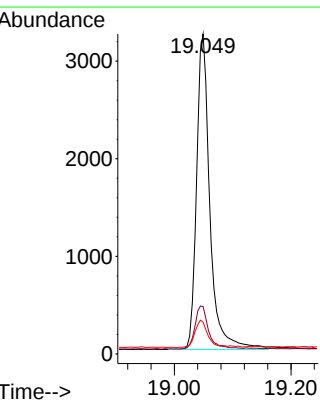
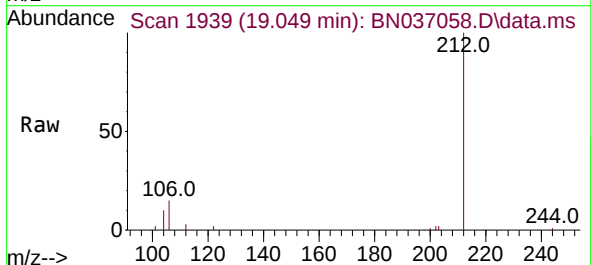
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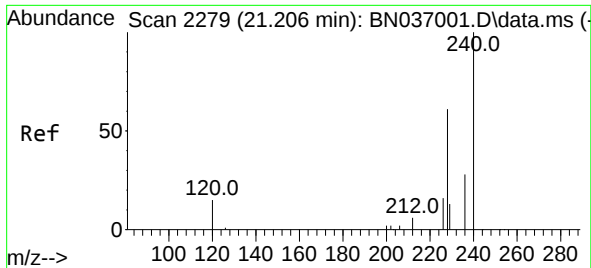
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 304.3 87.8 131.6#
105 132.6 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.049 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN037058.D
Acq: 19 May 2025 23:30

Tgt Ion:212 Resp: 5152
Ion Ratio Lower Upper
212 100
106 14.0 11.3 16.9
104 9.0 6.7 10.1

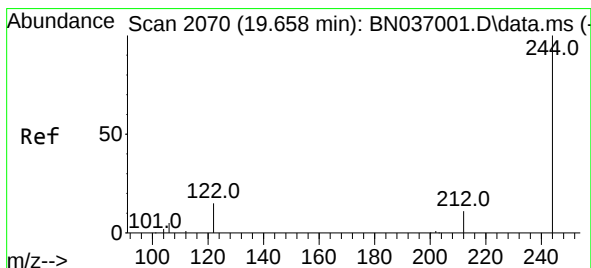
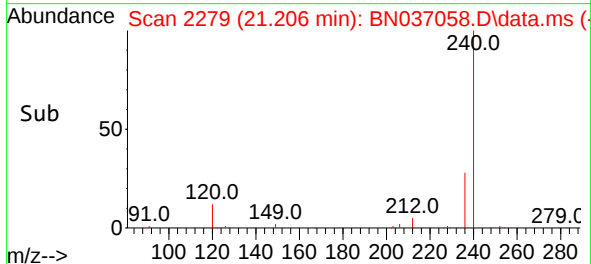
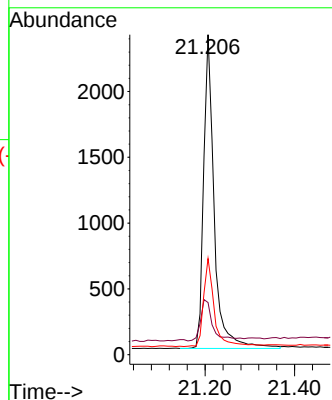
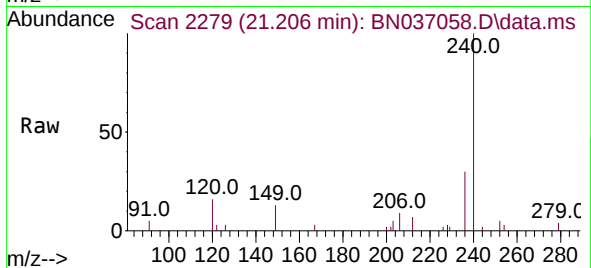




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037058.D
Acq: 19 May 2025 23:30

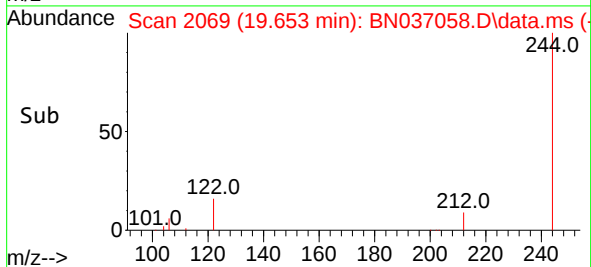
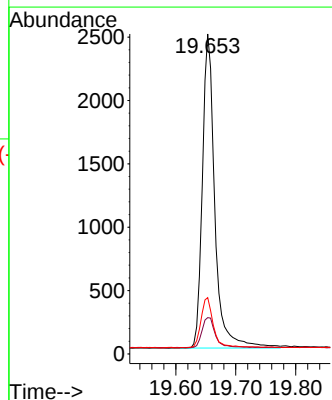
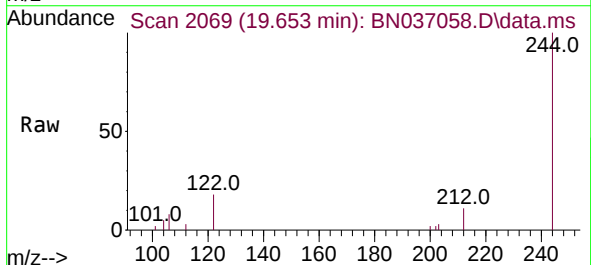
Instrument :
BNA_N
ClientSampleId :
PB168032BL

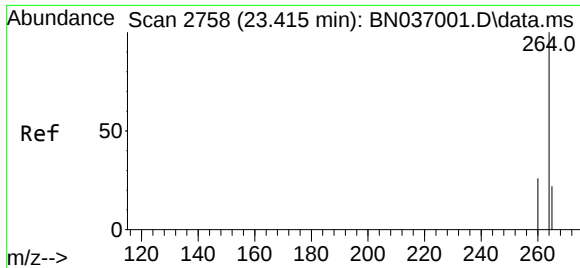
Tgt Ion:240 Resp: 3937
Ion Ratio Lower Upper
240 100
120 16.3 15.1 22.7
236 30.1 24.0 36.0



#31
Terphenyl-d14
Concen: 0.427 ng
RT: 19.653 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN037058.D
Acq: 19 May 2025 23:30

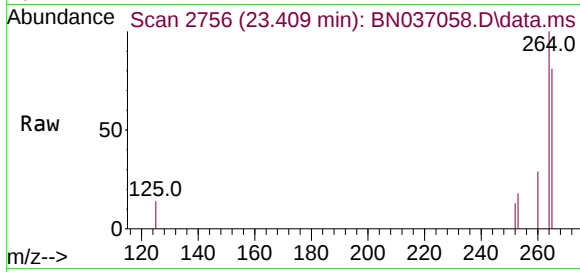
Tgt Ion:244 Resp: 3595
Ion Ratio Lower Upper
244 100
212 11.3 9.7 14.5
122 17.6 13.4 20.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.409 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN037058.D
 Acq: 19 May 2025 23:30

Instrument :
 BNA_N
 ClientSampleId :
 PB168032BL



Tgt Ion:264 Resp: 3356
 Ion Ratio Lower Upper
 264 100
 260 28.6 21.9 32.9
 265 80.9 51.6 77.4#

