

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051525\
 Data File : BN037026.D
 Acq On : 15 May 2025 10:31
 Operator : RC/JU
 Sample : PB167952BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 15 11:25:03 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

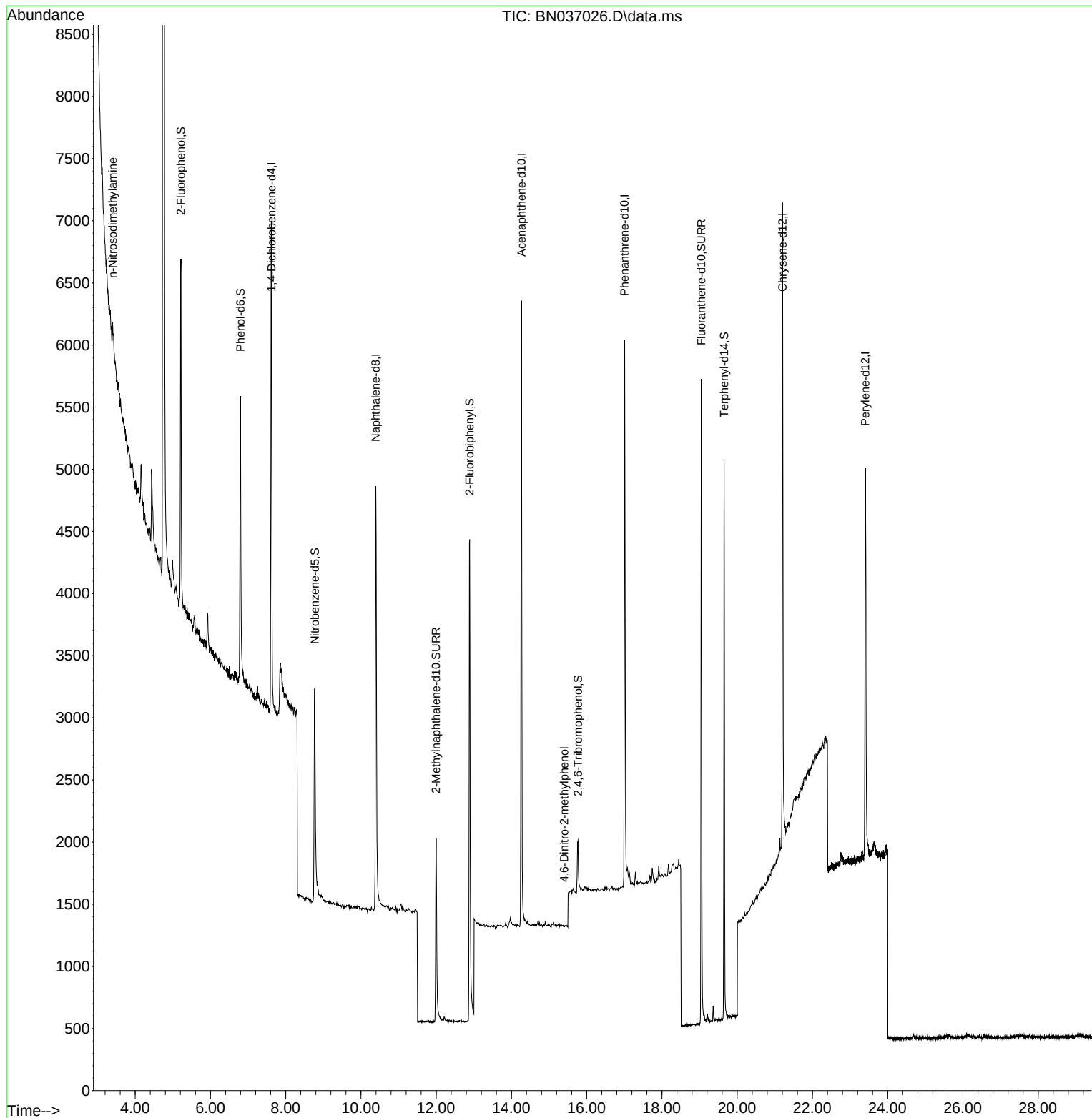
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2007	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5198	0.400	ng	#-0.01
13) Acenaphthene-d10	14.267	164	2997	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	6152	0.400	ng	0.00
29) Chrysene-d12	21.207	240	4881	0.400	ng	# 0.00
35) Perylene-d12	23.407	264	4331	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	1977	0.376	ng	0.00
5) Phenol-d6	6.795	99	2221	0.338	ng	0.00
8) Nitrobenzene-d5	8.771	82	1890	0.334	ng	0.00
11) 2-Methylnaphthalene-d10	11.996	152	2661	0.364	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	279	0.212	ng	0.00
15) 2-Fluorobiphenyl	12.888	172	4950	0.361	ng	0.00
27) Fluoranthene-d10	19.049	212	6063	0.359	ng	0.00
31) Terphenyl-d14	19.653	244	4251	0.407	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.401	42	107	0.020	ng	# 19
20) 4,6-Dinitro-2-methylph...	15.400	198	1	0.024	ng	# 1

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

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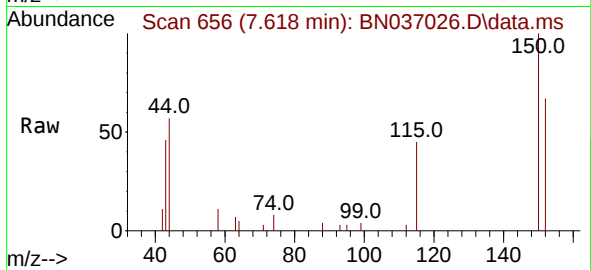
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



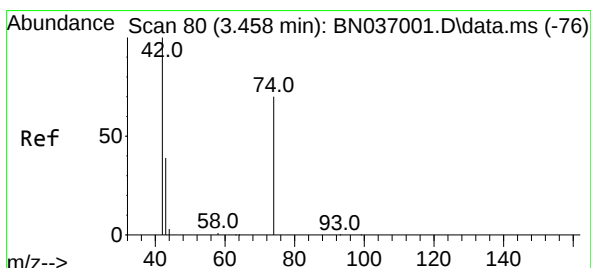
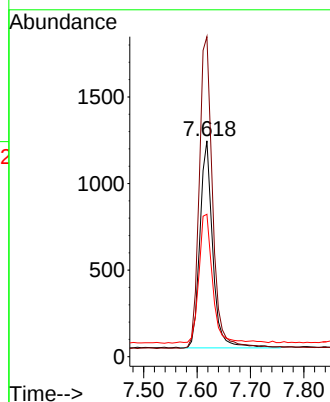
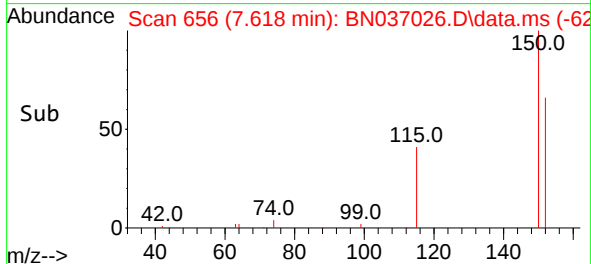


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.618 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

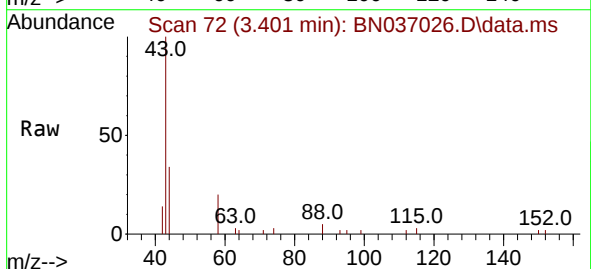
Instrument :
BNA_N
ClientSampleId :



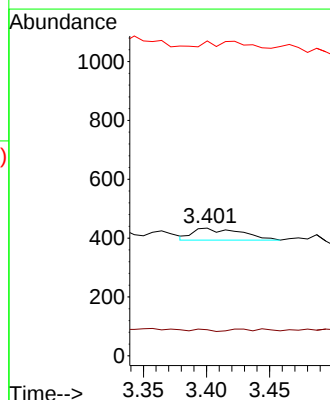
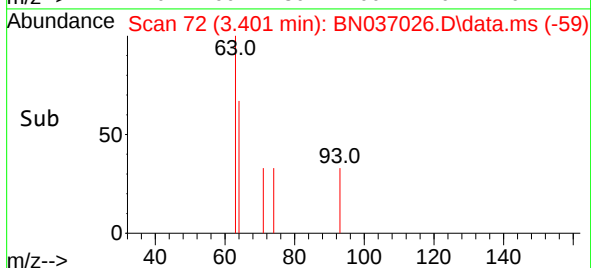
Tgt Ion:152 Resp: 2007
Ion Ratio Lower Upper
152 100
150 148.2 123.9 185.9
115 66.0 55.8 83.8

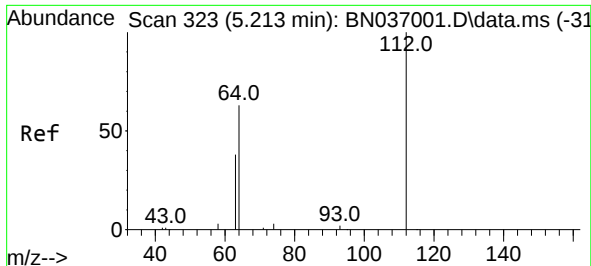


#3
n-Nitrosodimethylamine
Concen: 0.020 ng
RT: 3.401 min Scan# 72
Delta R.T. -0.058 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31



Tgt Ion: 42 Resp: 107
Ion Ratio Lower Upper
42 100
74 5.6 59.8 89.6#
44 48.6 11.9 17.9#

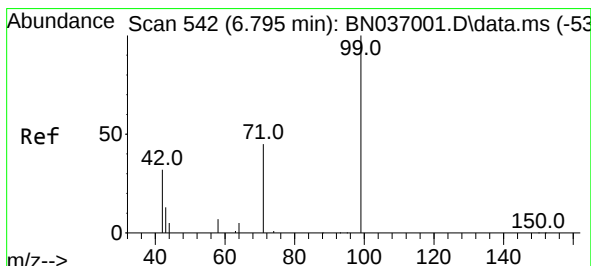
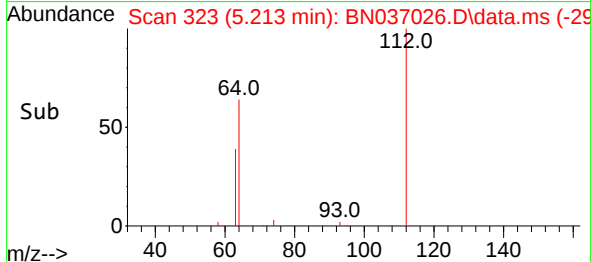
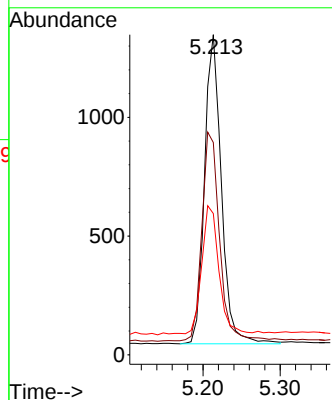
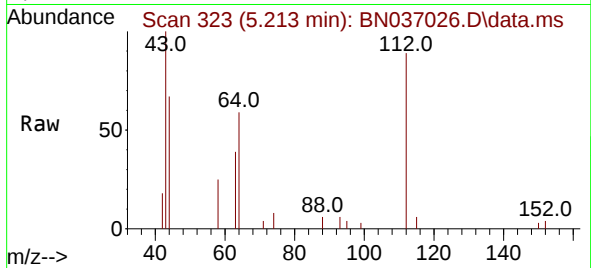




#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.213 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

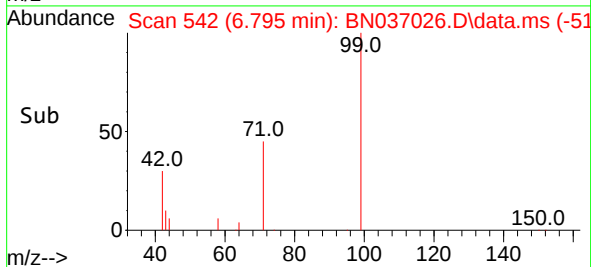
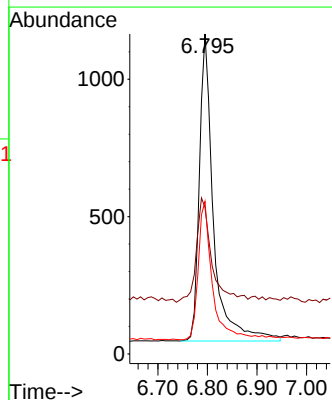
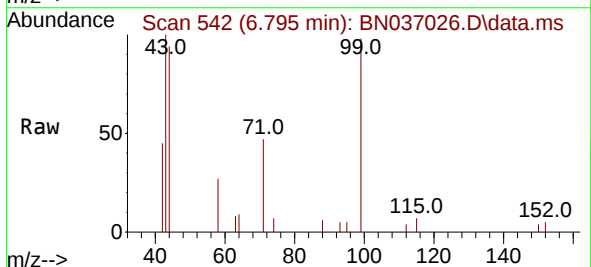
Instrument :
BNA_N
ClientSampleId :

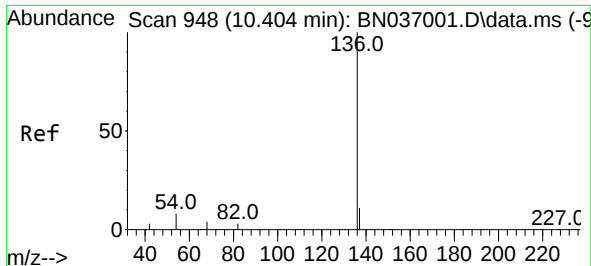
Tgt Ion:112 Resp: 1977
Ion Ratio Lower Upper
112 100
64 71.4 55.7 83.5
63 43.7 34.6 51.8



#5
Phenol-d6
Concen: 0.338 ng
RT: 6.795 min Scan# 542
Delta R.T. -0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

Tgt Ion: 99 Resp: 2221
Ion Ratio Lower Upper
99 100
42 37.1 29.3 43.9
71 44.1 35.7 53.5

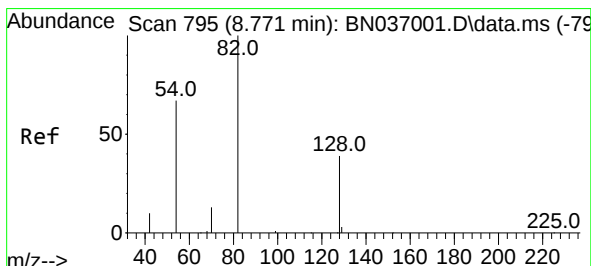
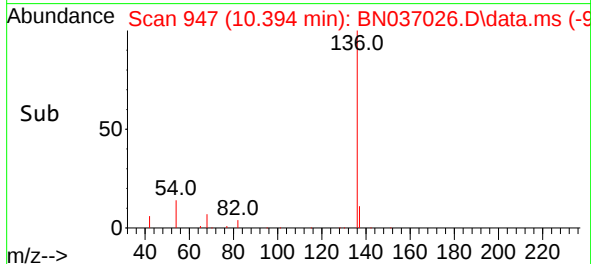
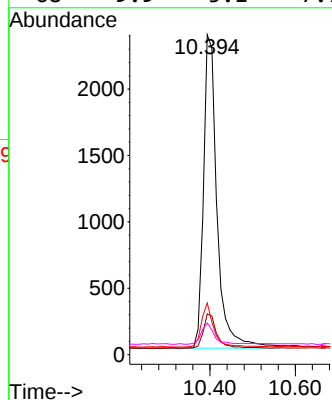
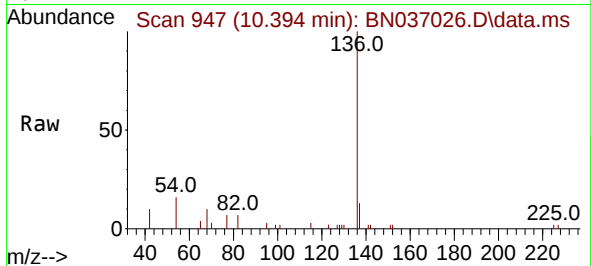




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

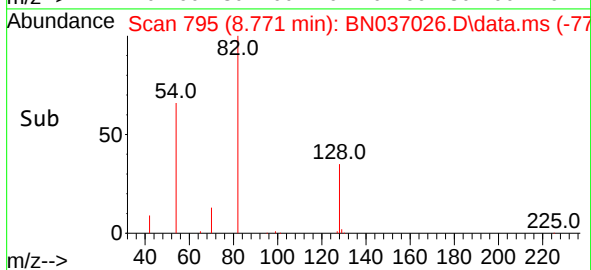
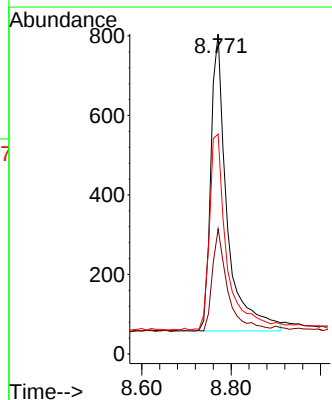
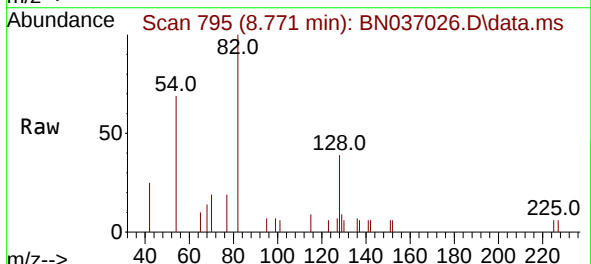
Instrument :
BNA_N
ClientSampleId :

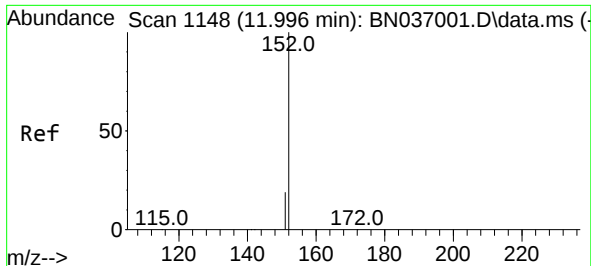
Tgt Ion:136	Resp:	5198
Ion Ratio	Lower	Upper
136	100	
137	12.8	10.4 15.6
54	16.1	8.5 12.7#
68	9.9	5.1 7.7#



#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.771 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

Tgt Ion: 82	Resp:	1890
Ion Ratio	Lower	Upper
82	100	
128	39.1	34.0 51.0
54	68.7	55.0 82.4

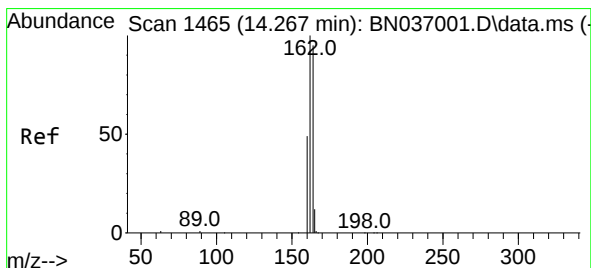
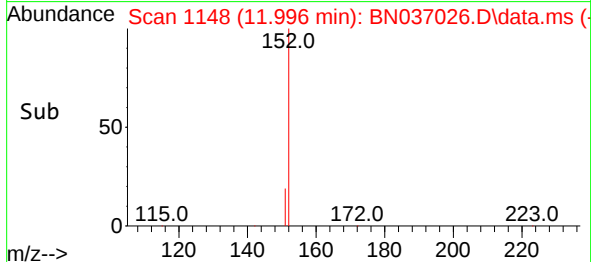
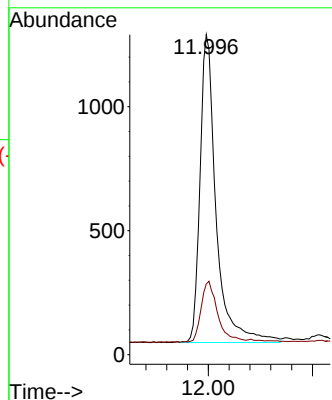
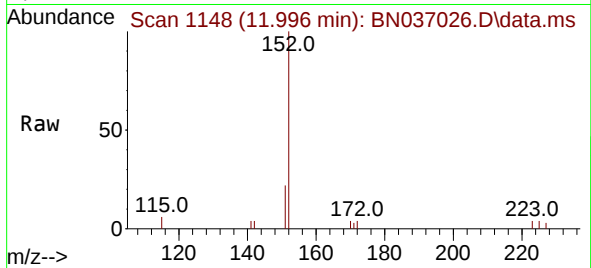




#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 11.996 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

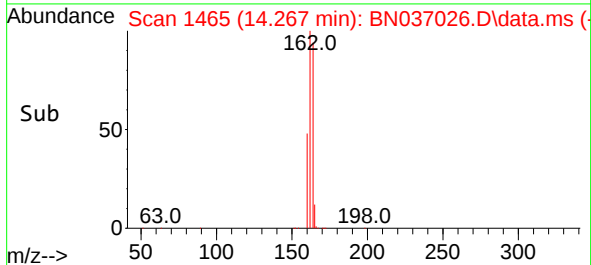
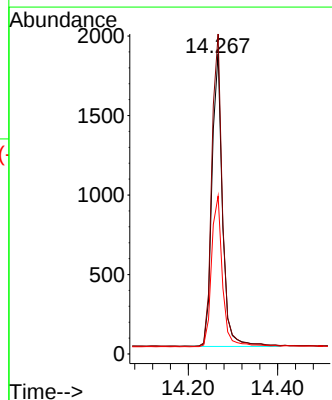
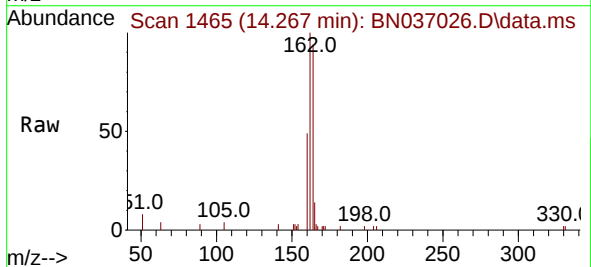
Instrument :
BNA_N
ClientSampleId :

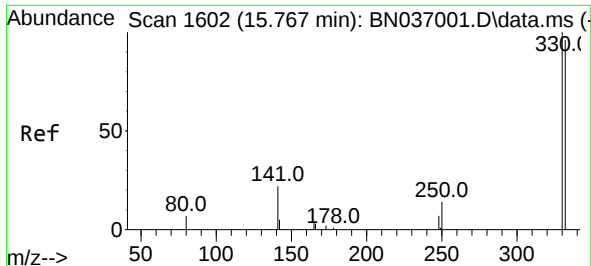
Tgt Ion:152 Resp: 2661
Ion Ratio Lower Upper
152 100
151 20.1 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

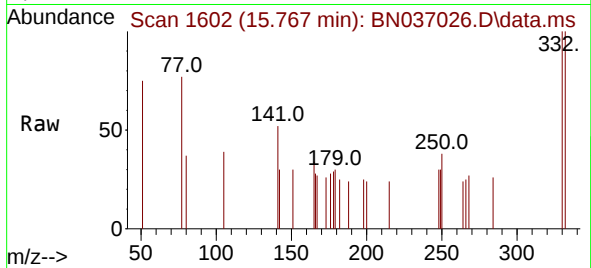
Tgt Ion:164 Resp: 2997
Ion Ratio Lower Upper
164 100
162 106.6 84.2 126.4
160 52.6 42.6 63.8



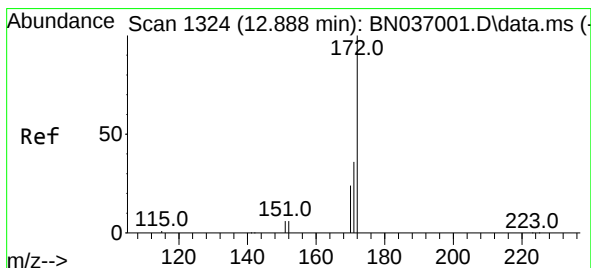
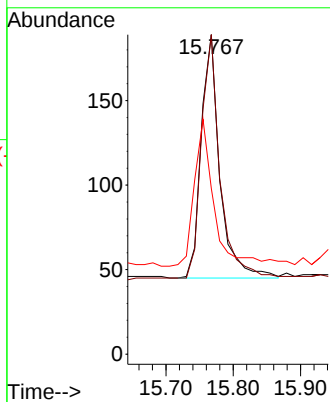
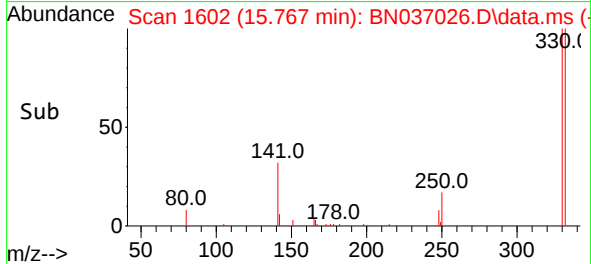


#14
2,4,6-Tribromophenol
Concen: 0.212 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

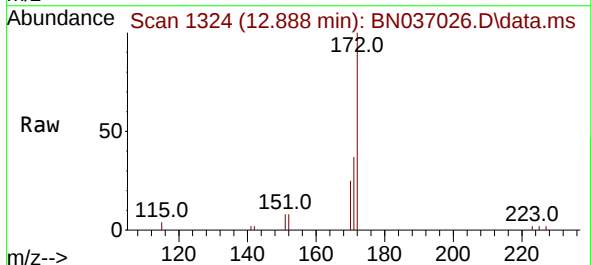
Instrument :
BNA_N
ClientSampleId :



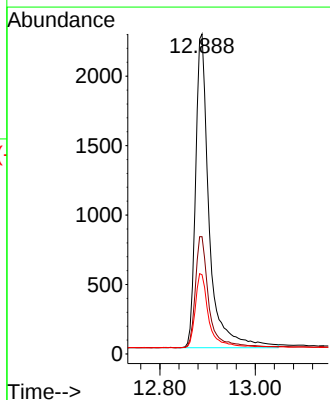
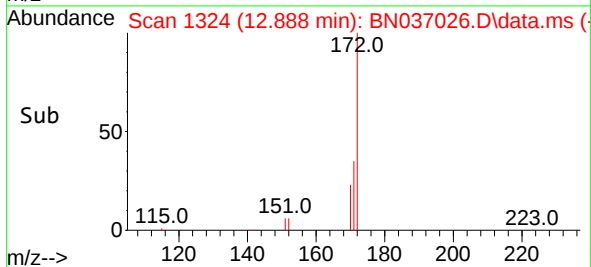
Tgt Ion:330 Resp: 279
Ion Ratio Lower Upper
330 100
332 99.6 73.8 110.8
141 64.9 43.9 65.9

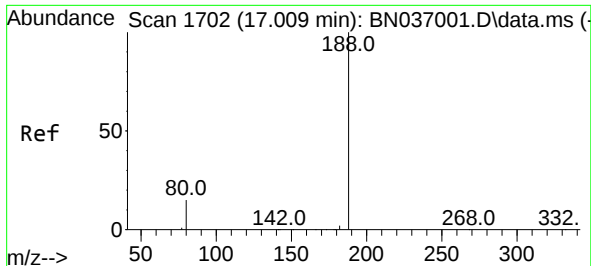


#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 12.888 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31



Tgt Ion:172 Resp: 4950
Ion Ratio Lower Upper
172 100
171 36.7 29.2 43.8
170 24.7 20.5 30.7

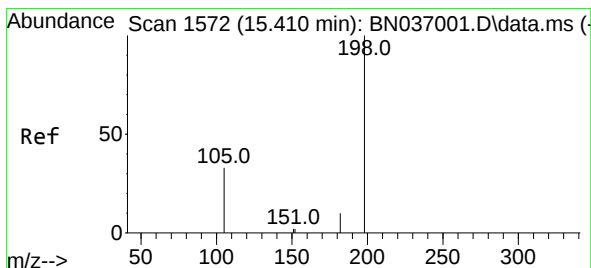
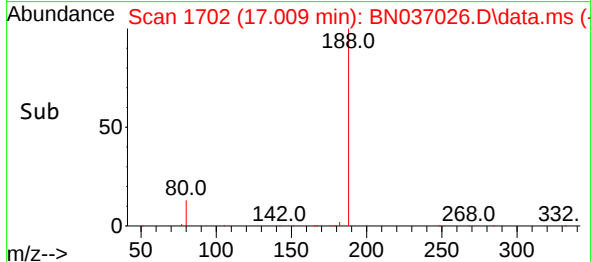
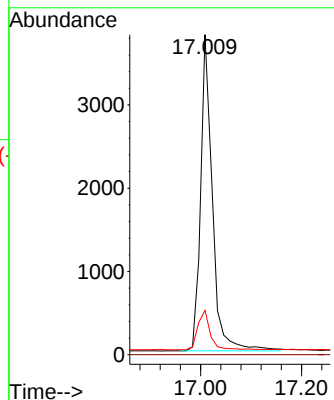
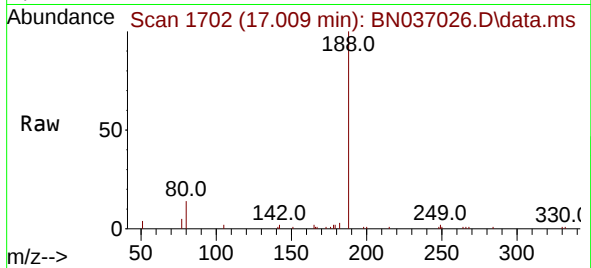




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

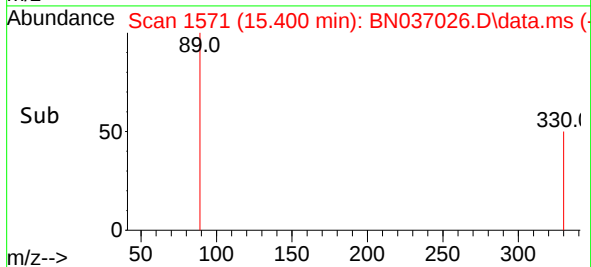
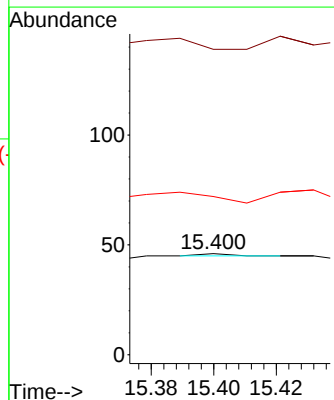
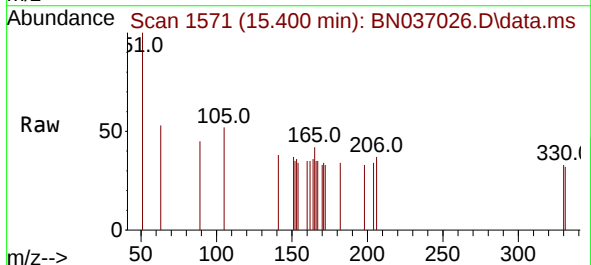
Instrument :
BNA_N
ClientSampleId :

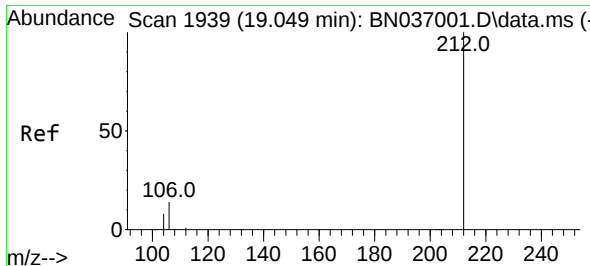
Tgt Ion:188 Resp: 6152
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 13.4 20.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.024 ng
RT: 15.400 min Scan# 1571
Delta R.T. -0.010 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

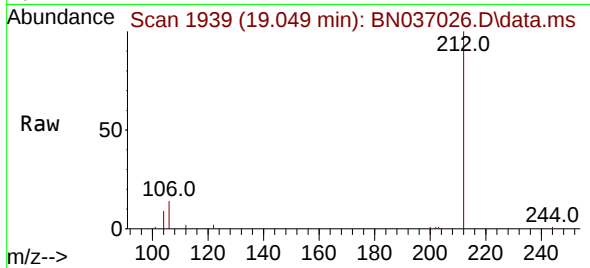
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 302.2 87.8 131.6#
105 156.5 44.2 66.4#



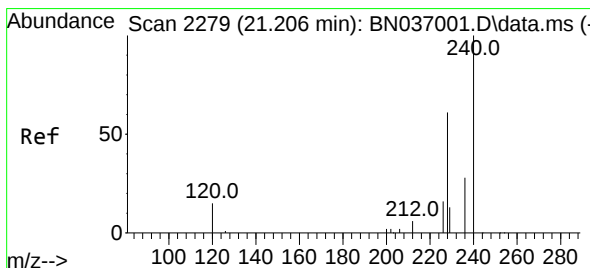
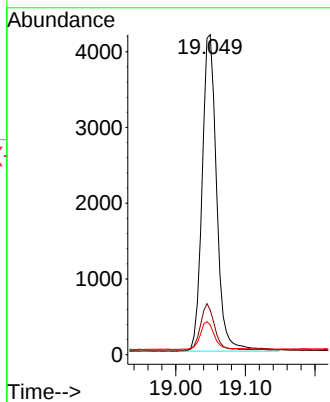
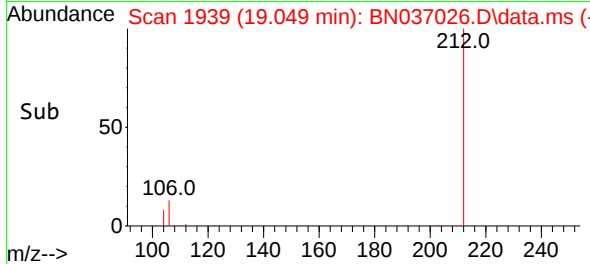


#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.049 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :

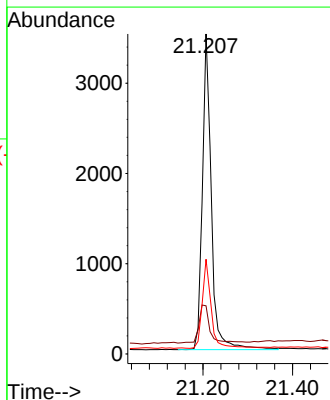
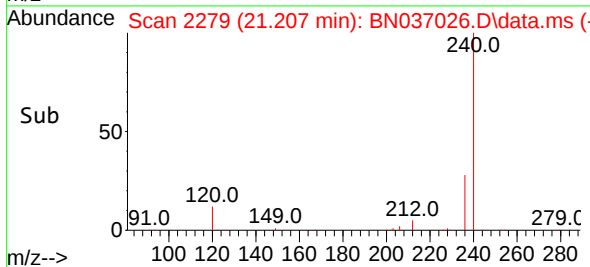
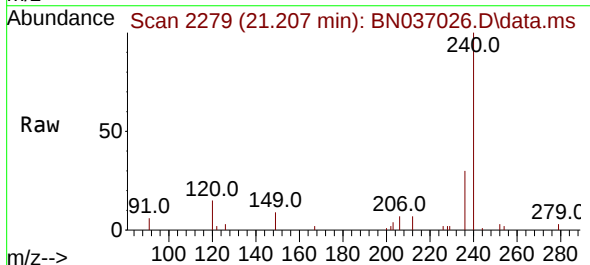


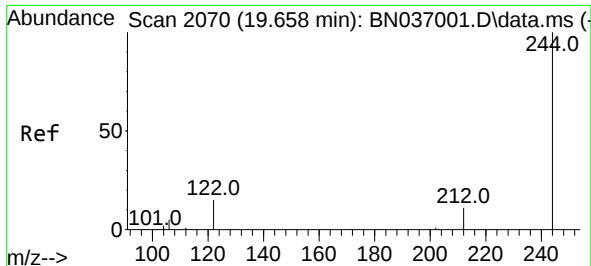
Tgt Ion:212 Resp: 6063
Ion Ratio Lower Upper
212 100
106 14.3 11.3 16.9
104 8.6 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.207 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

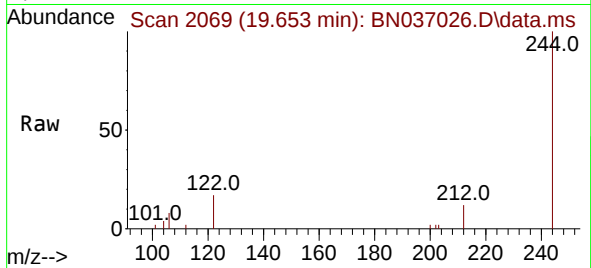
Tgt Ion:240 Resp: 4881
Ion Ratio Lower Upper
240 100
120 15.1 15.1 22.7#
236 29.6 24.0 36.0



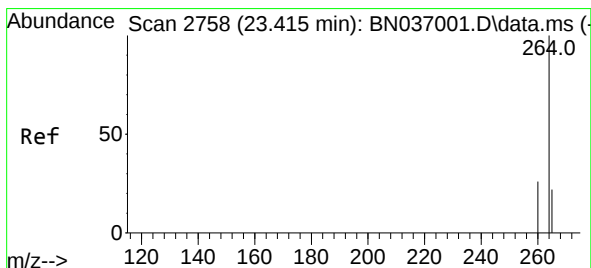
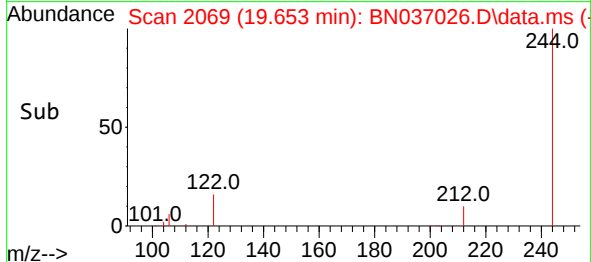
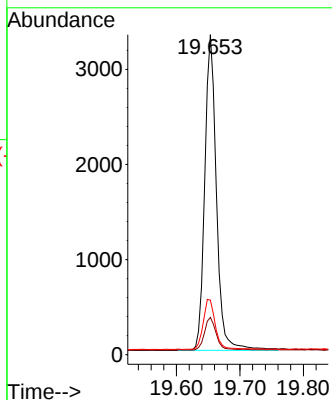


#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.653 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:244 Resp: 4251
Ion Ratio Lower Upper
244 100
212 11.6 9.7 14.5
122 17.1 13.4 20.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.407 min Scan# 2755
Delta R.T. -0.009 min
Lab File: BN037026.D
Acq: 15 May 2025 10:31

Tgt Ion:264 Resp: 4331
Ion Ratio Lower Upper
264 100
260 27.2 21.9 32.9
265 66.9 51.6 77.4

