

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
 Data File : BN037543.D
 Acq On : 22 Jul 2025 17:29
 Operator : RC/JU
 Sample : Q2642-01DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 22 18:24:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 19 01:46:16 2025
 Response via : Initial Calibration

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

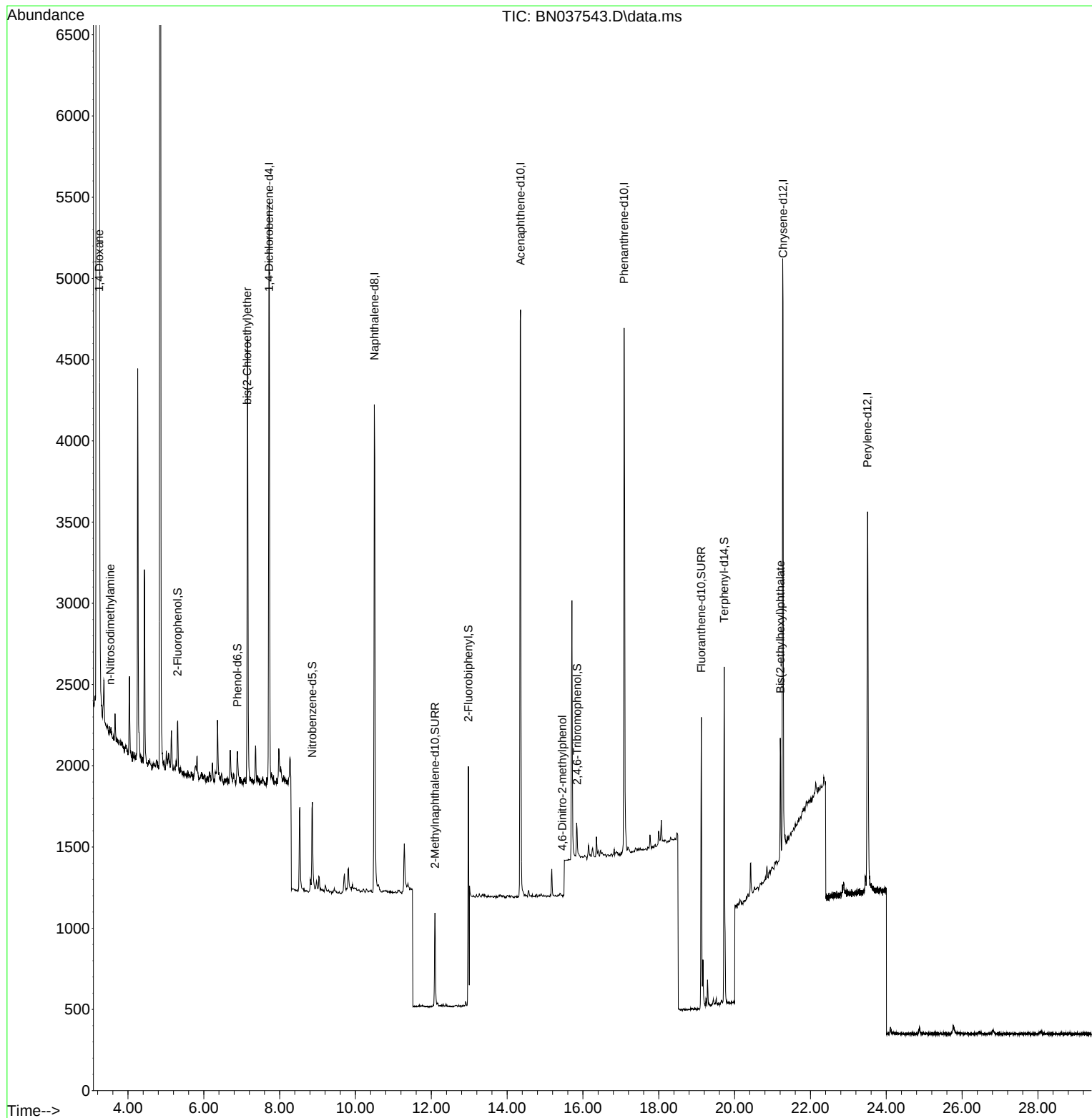
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1800	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4430	0.400	ng	#-0.01
13) Acenaphthene-d10	14.356	164	2275	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	4512	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3721	0.400	ng	# 0.00
35) Perylene-d12	23.508	264	3318	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	273	0.061	ng	0.00
5) Phenol-d6	6.887	99	184	0.033	ng	0.00
8) Nitrobenzene-d5	8.865	82	487	0.147	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	872	0.137	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	142	0.127	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	1826	0.154	ng	0.00
27) Fluoranthene-d10	19.123	212	2090	0.175	ng	0.00
31) Terphenyl-d14	19.727	244	1981	0.248	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	4761	2.751	ng	99
3) n-Nitrosodimethylamine	3.536	42	49	0.023	ng	# 7
6) bis(2-Chloroethyl)ether	7.147	93	97	0.021	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.457	198	2	0.097	ng	# 22
34) Bis(2-ethylhexyl)phtha...	21.205	149	755	0.129	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
Data File : BN037543.D
Acq On : 22 Jul 2025 17:29
Operator : RC/JU
Sample : Q2642-01DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

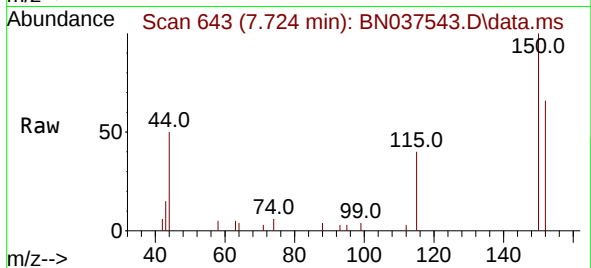
Quant Time: Jul 22 18:24:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration



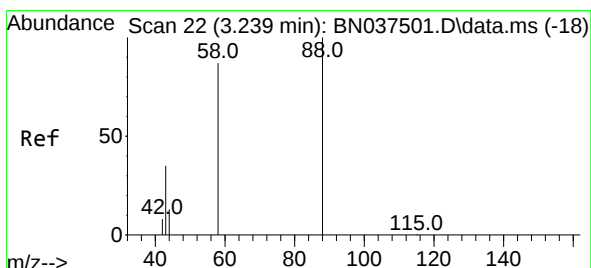
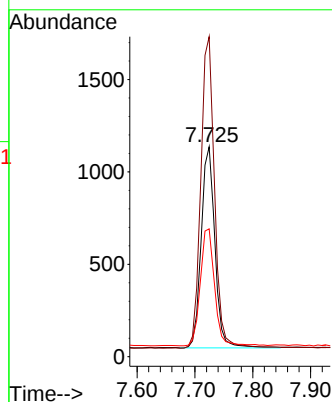
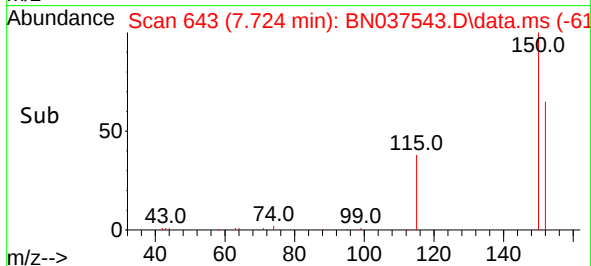


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037543.D
 Acq: 22 Jul 2025 17:29

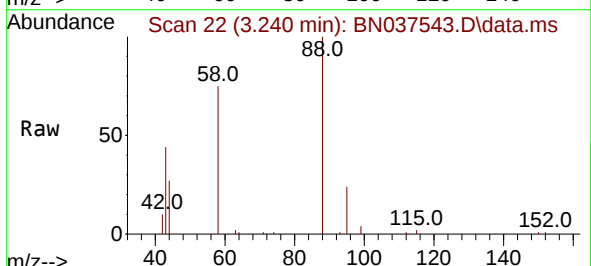
Instrument :
 BNA_N
 ClientSampleId :



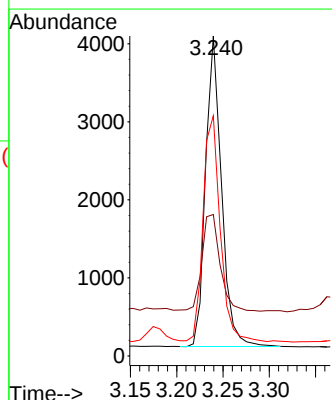
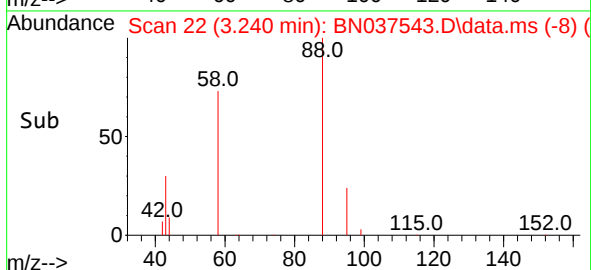
Tgt Ion:152 Resp: 1800
 Ion Ratio Lower Upper
 152 100
 150 152.5 119.8 179.8
 115 60.9 49.1 73.7

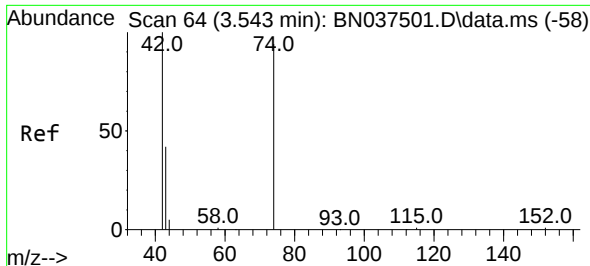


#2
 1,4-Dioxane
 Concen: 2.751 ng
 RT: 3.240 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037543.D
 Acq: 22 Jul 2025 17:29



Tgt Ion: 88 Resp: 4761
 Ion Ratio Lower Upper
 88 100
 43 35.5 27.5 41.3
 58 78.0 62.7 94.1

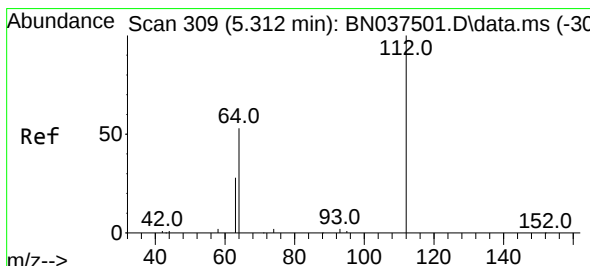
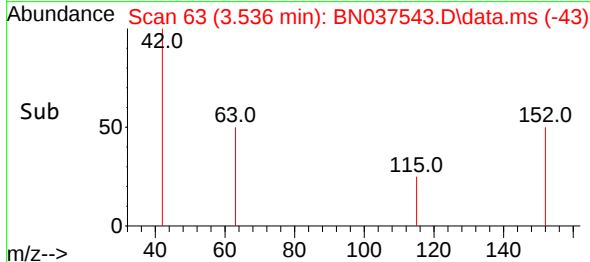
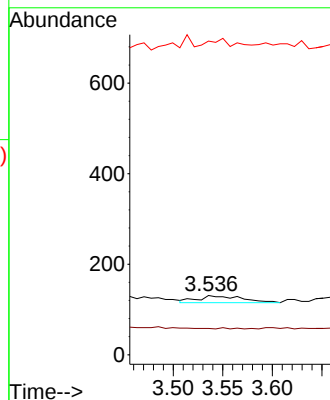
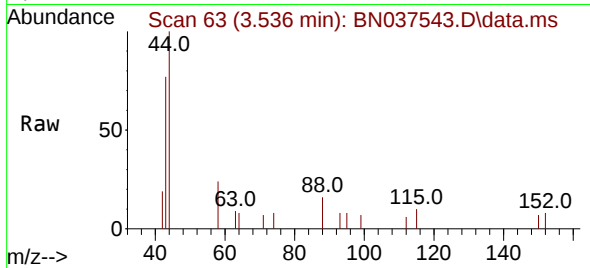




#3
 n-Nitrosodimethylamine
 Concen: 0.023 ng
 RT: 3.536 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037543.D
 Acq: 22 Jul 2025 17:29

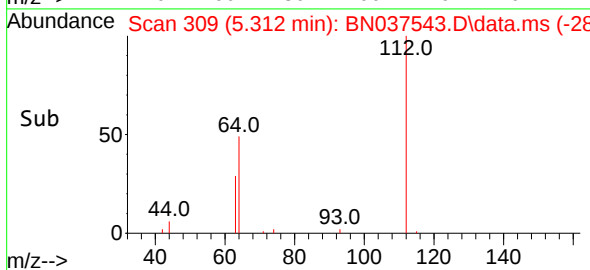
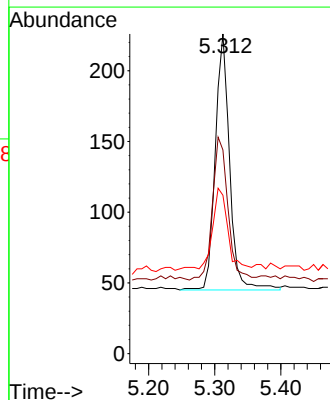
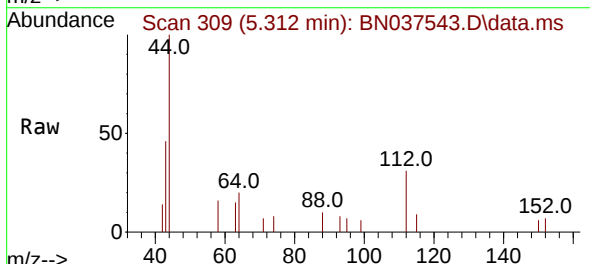
Instrument :
 BNA_N
 ClientSampleId :

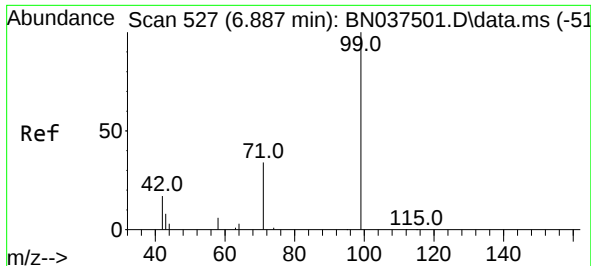
Tgt Ion: 42 Resp: 49
 Ion Ratio Lower Upper
 42 100
 74 4.1 91.8 137.6#
 44 34.7 15.0 22.6#



#4
 2-Fluorophenol
 Concen: 0.061 ng
 RT: 5.312 min Scan# 309
 Delta R.T. 0.000 min
 Lab File: BN037543.D
 Acq: 22 Jul 2025 17:29

Tgt Ion: 112 Resp: 273
 Ion Ratio Lower Upper
 112 100
 64 60.1 45.1 67.7
 63 36.3 23.8 35.8#

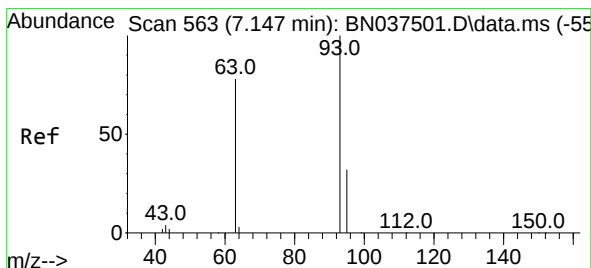
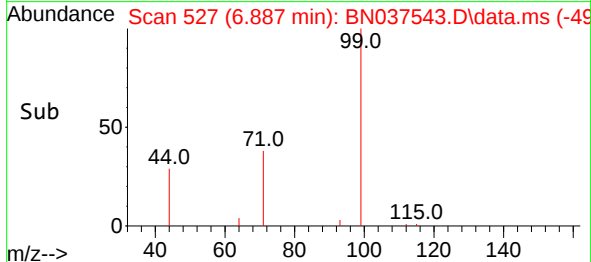
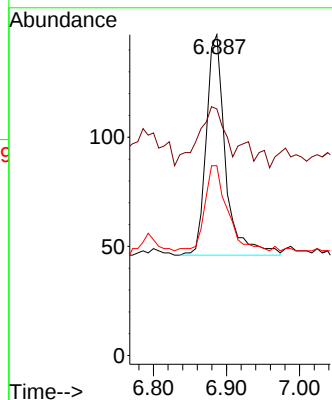
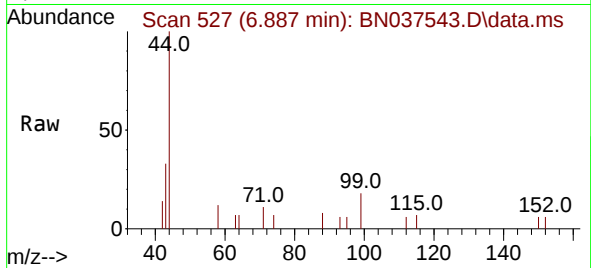




#5
Phenol-d6
Concen: 0.033 ng
RT: 6.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

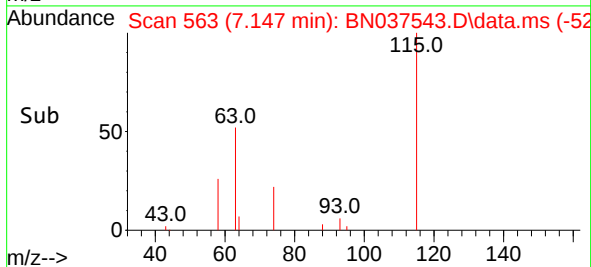
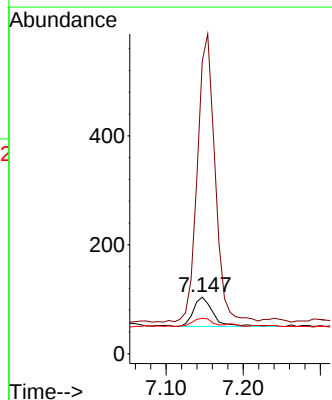
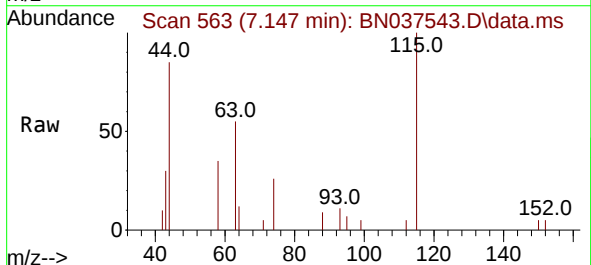
Instrument :
BNA_N
ClientSampleId :

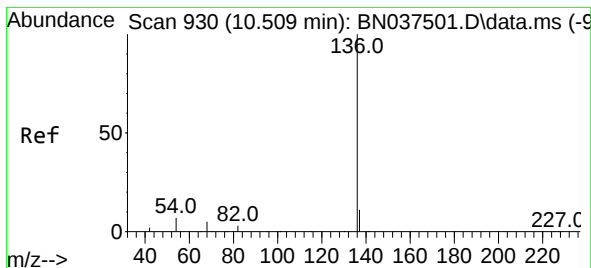
Tgt Ion: 99 Resp: 184
Ion Ratio Lower Upper
99 100
42 32.6 17.1 25.7#
71 47.3 27.8 41.8#



#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.147 min Scan# 563
Delta R.T. 0.000 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

Tgt Ion: 93 Resp: 97
Ion Ratio Lower Upper
93 100
63 874.2 58.2 87.4#
95 28.9 25.3 37.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.498 min Scan# 91

Delta R.T. -0.011 min

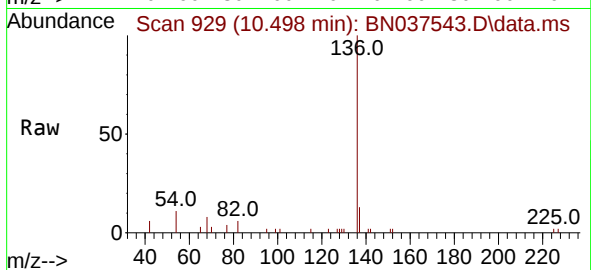
Lab File: BN037543.D

Acq: 22 Jul 2025 17:29

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:136 Resp: 4430

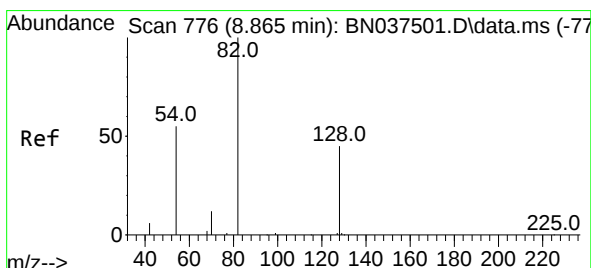
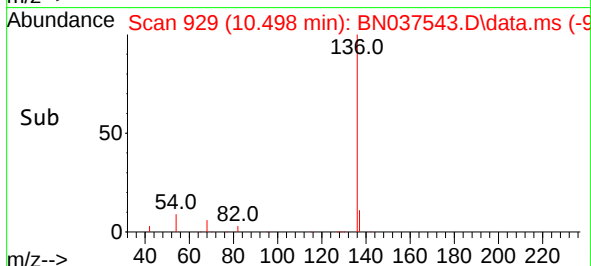
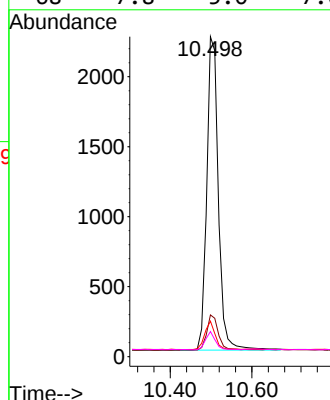
Ion Ratio Lower Upper

136 100

137 13.0 9.8 14.8

54 11.1 6.6 9.8#

68 7.8 5.0 7.6#



#8

Nitrobenzene-d5

Concen: 0.147 ng

RT: 8.865 min Scan# 776

Delta R.T. 0.000 min

Lab File: BN037543.D

Acq: 22 Jul 2025 17:29

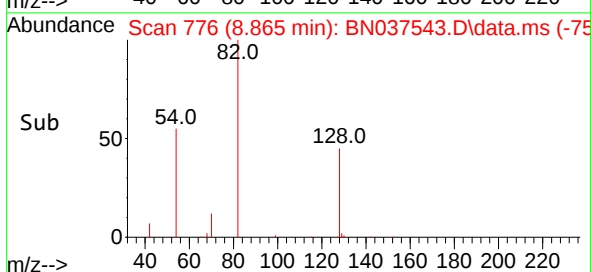
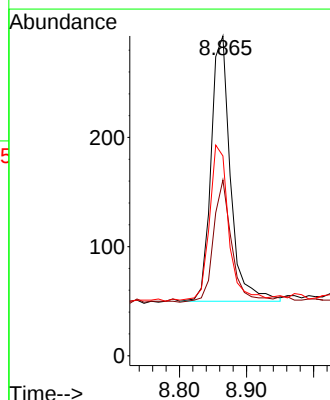
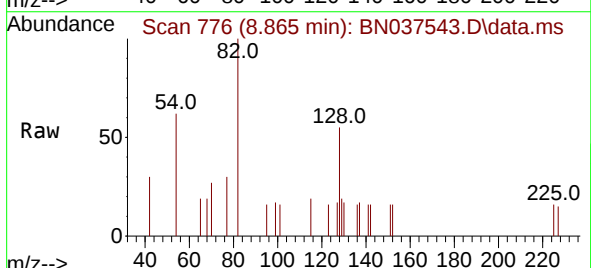
Tgt Ion: 82 Resp: 487

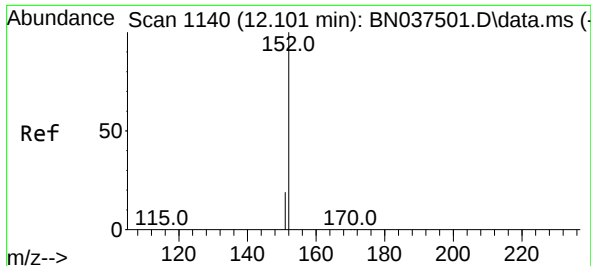
Ion Ratio Lower Upper

82 100

128 54.9 37.5 56.3

54 62.5 45.3 67.9

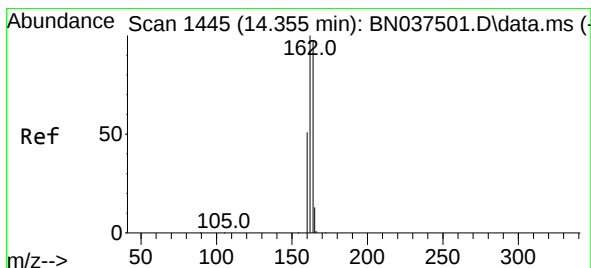
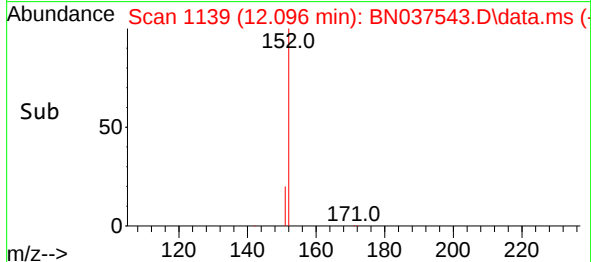
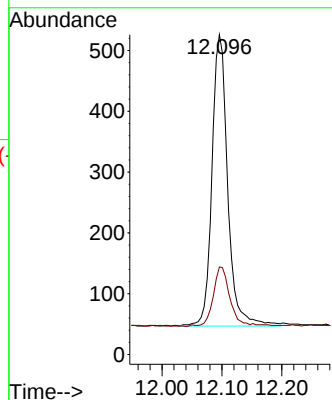
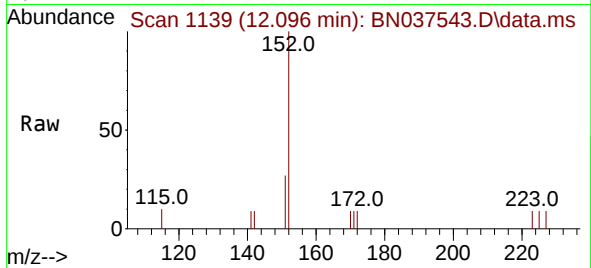




#11
2-Methylnaphthalene-d10
Concen: 0.137 ng
RT: 12.096 min Scan# 1139
Delta R.T. -0.005 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

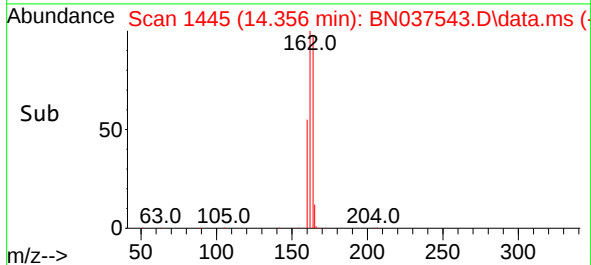
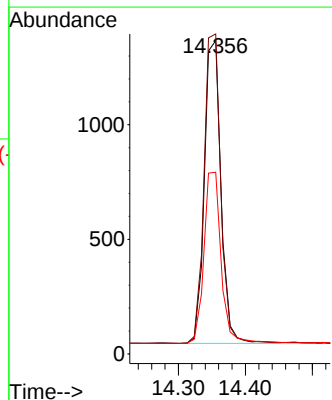
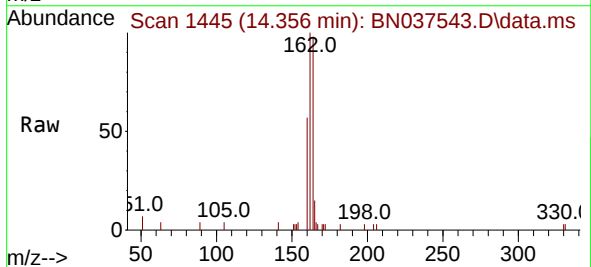
Instrument :
BNA_N
ClientSampleId :

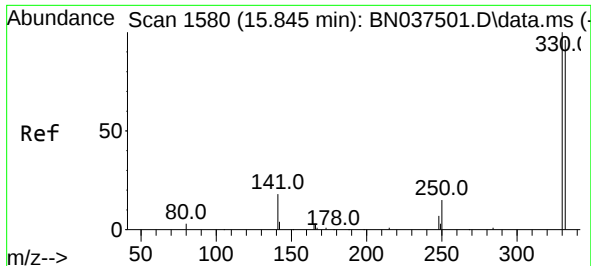
Tgt Ion:152 Resp: 872
Ion Ratio Lower Upper
152 100
151 22.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

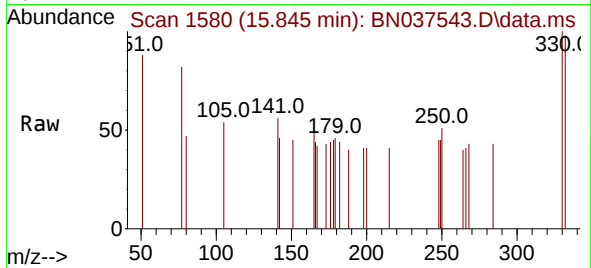
Tgt Ion:164 Resp: 2275
Ion Ratio Lower Upper
164 100
162 102.1 82.0 123.0
160 58.0 42.4 63.6



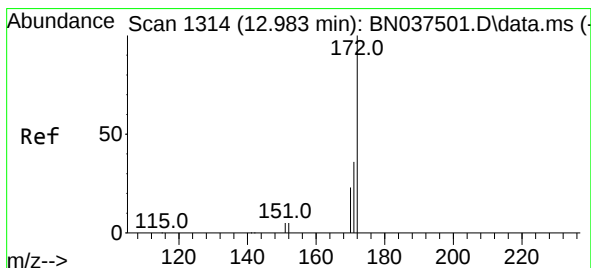
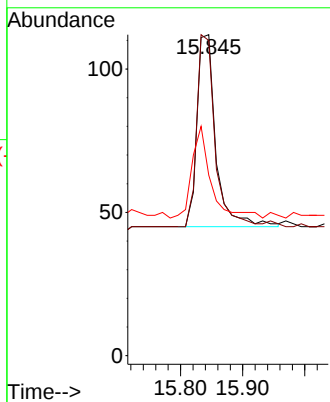
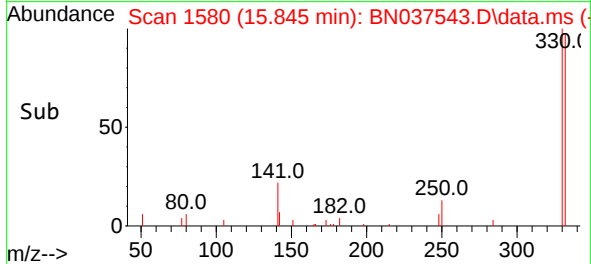


#14
2,4,6-Tribromophenol
Concen: 0.127 ng
RT: 15.845 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

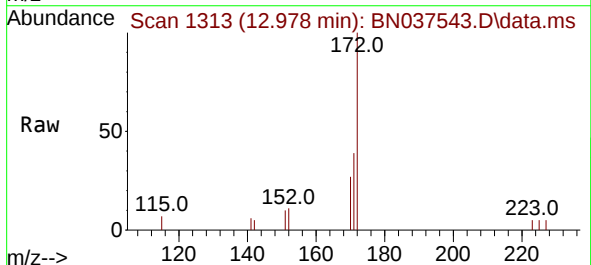
Instrument :
BNA_N
ClientSampleId :



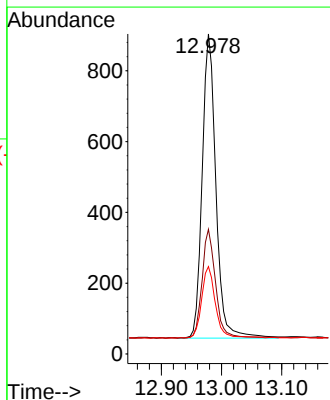
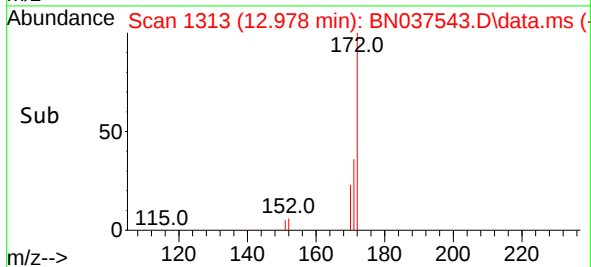
Tgt Ion:330 Resp: 142
Ion Ratio Lower Upper
330 100
332 96.5 76.1 114.1
141 47.2 33.4 50.0

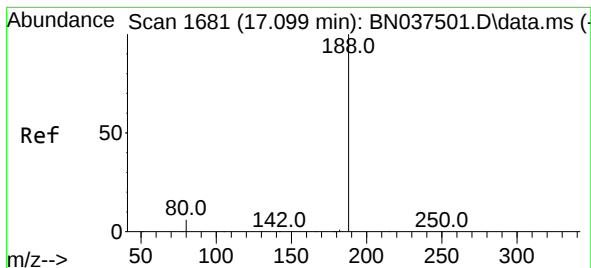


#15
2-Fluorobiphenyl
Concen: 0.154 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29



Tgt Ion:172 Resp: 1826
Ion Ratio Lower Upper
172 100
171 38.9 29.4 44.2
170 27.3 19.4 29.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.087 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN037543.D

Acq: 22 Jul 2025 17:29

Instrument :

BNA_N

ClientSampleId :

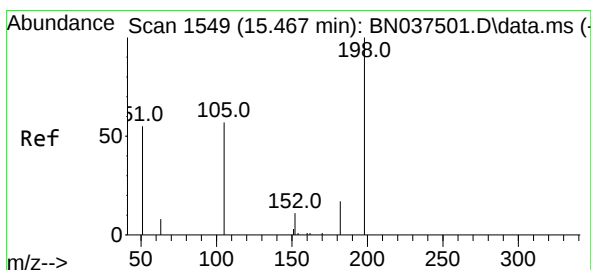
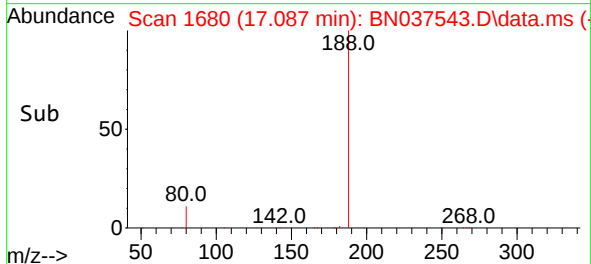
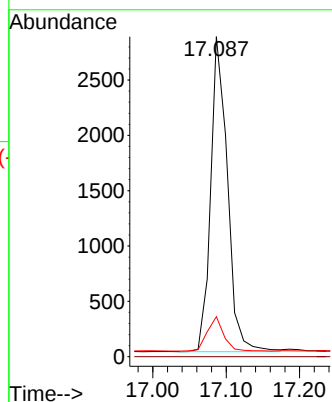
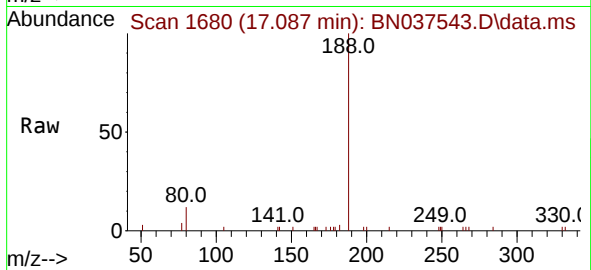
Tgt Ion:188 Resp: 4512

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.5 6.0 9.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.097 ng

RT: 15.457 min Scan# 1548

Delta R.T. -0.010 min

Lab File: BN037543.D

Acq: 22 Jul 2025 17:29

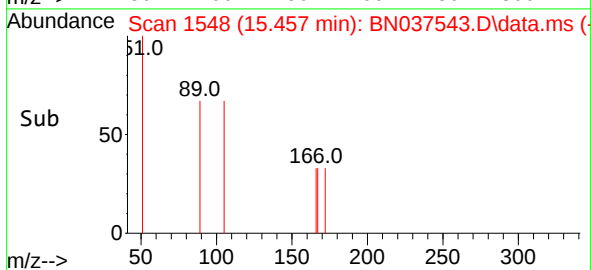
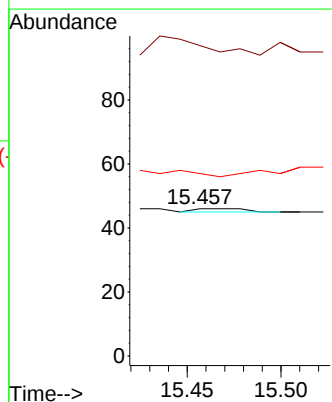
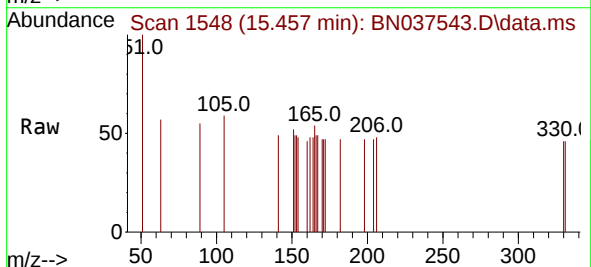
Tgt Ion:198 Resp: 2

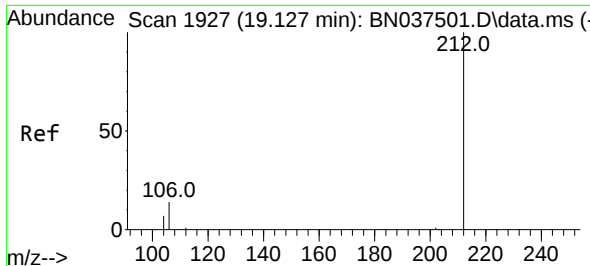
Ion Ratio Lower Upper

198 100

51 210.9 88.5 132.7#

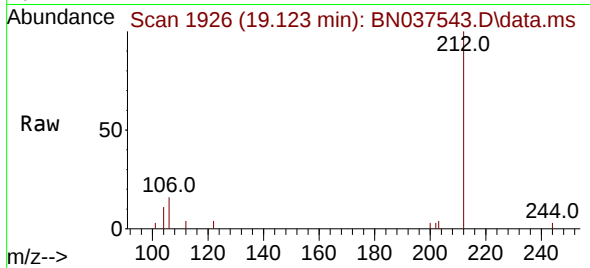
105 123.9 61.2 91.8#



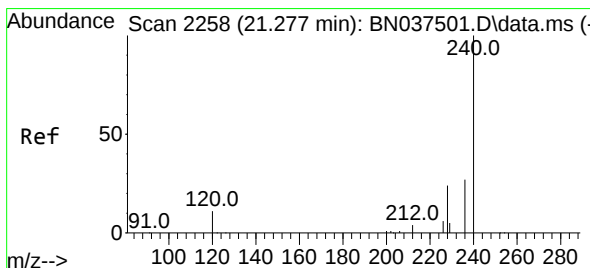
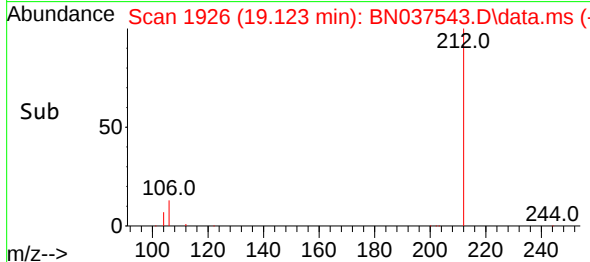
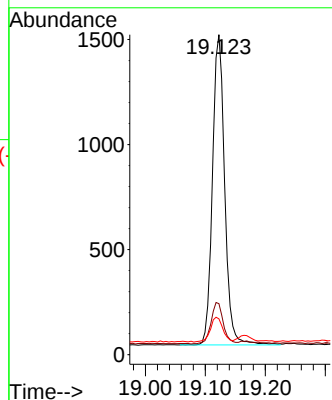


#27
Fluoranthene-d10
Concen: 0.175 ng
RT: 19.123 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

Instrument :
BNA_N
ClientSampleId :

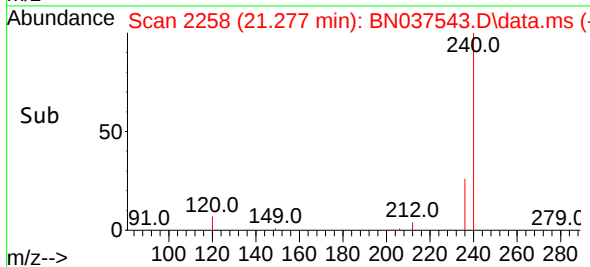
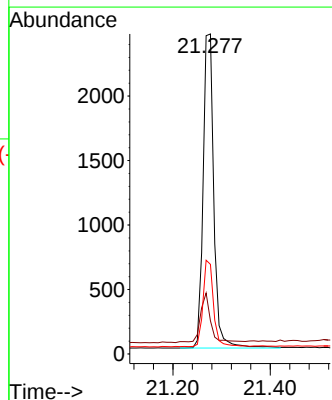
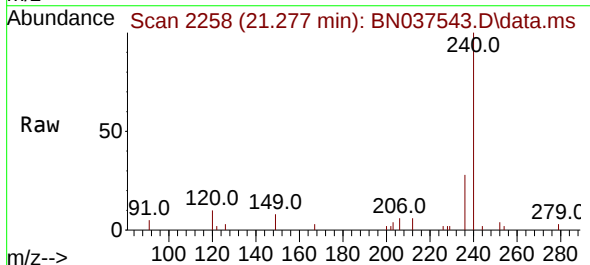


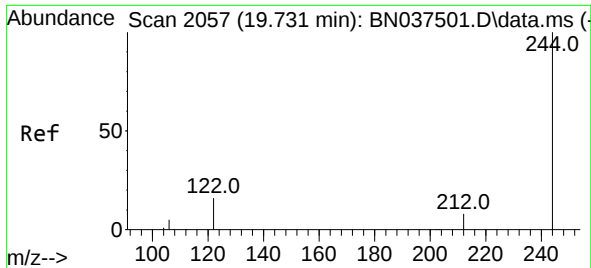
Tgt Ion:212 Resp: 2090
Ion Ratio Lower Upper
212 100
106 13.3 12.2 18.4
104 8.1 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

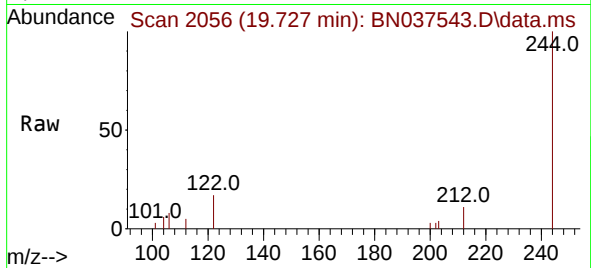
Tgt Ion:240 Resp: 3721
Ion Ratio Lower Upper
240 100
120 10.4 10.7 16.1#
236 28.0 22.6 33.8



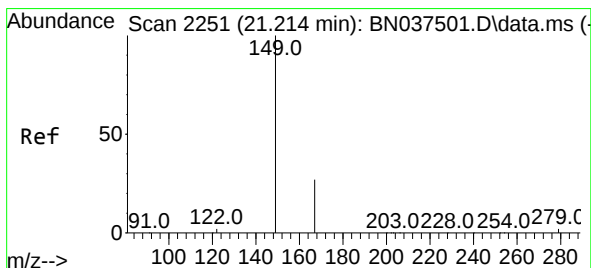
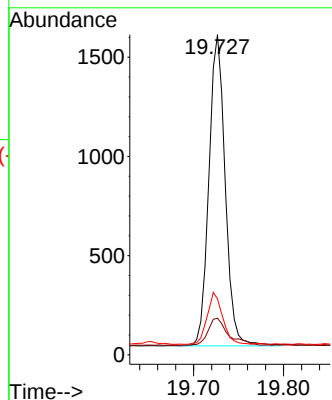
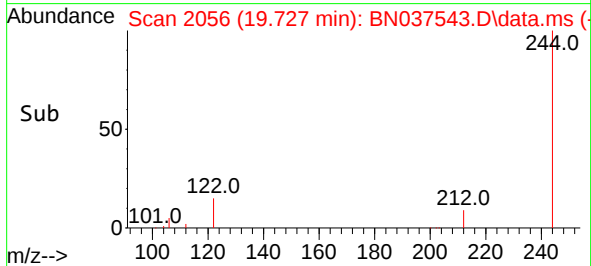


#31
 Terphenyl-d14
 Concen: 0.248 ng
 RT: 19.727 min Scan# 2056
 Delta R.T. -0.005 min
 Lab File: BN037543.D
 Acq: 22 Jul 2025 17:29

Instrument :
 BNA_N
 ClientSampleId :

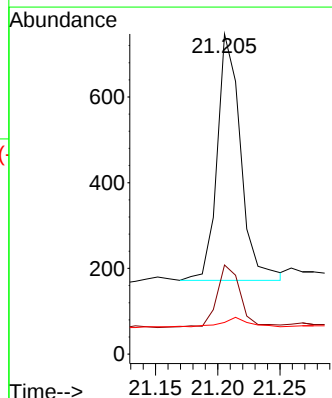
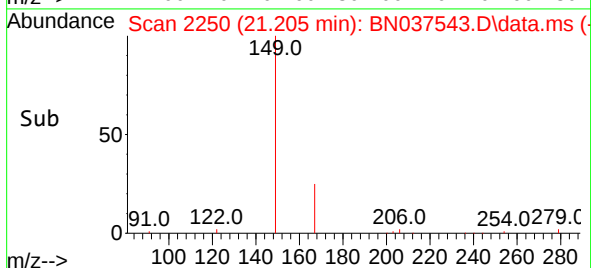
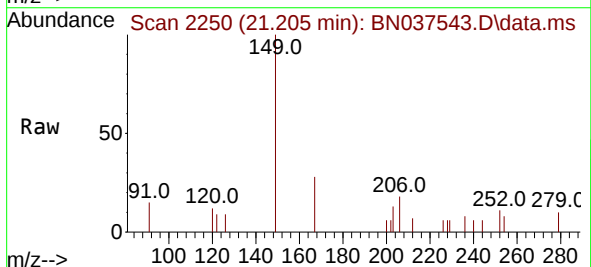


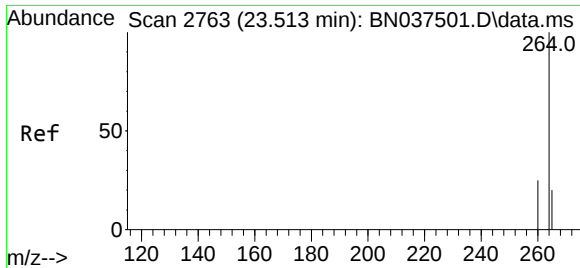
Tgt Ion:244 Resp: 1981
 Ion Ratio Lower Upper
 244 100
 212 11.4 7.4 11.2#
 122 17.5 13.6 20.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.129 ng
 RT: 21.205 min Scan# 2250
 Delta R.T. -0.009 min
 Lab File: BN037543.D
 Acq: 22 Jul 2025 17:29

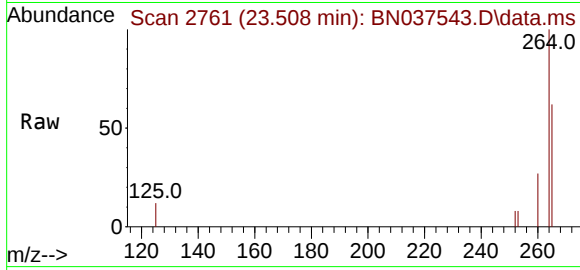
Tgt Ion:149 Resp: 755
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.8 32.8
 279 4.1 3.0 4.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 3318

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.2	31.8
265	61.9	40.4	60.6#

