

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037623.D
 Acq On : 20 Aug 2025 07:13
 Operator : RC/JU
 Sample : Q2881-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250814

Quant Time: Aug 20 08:17:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

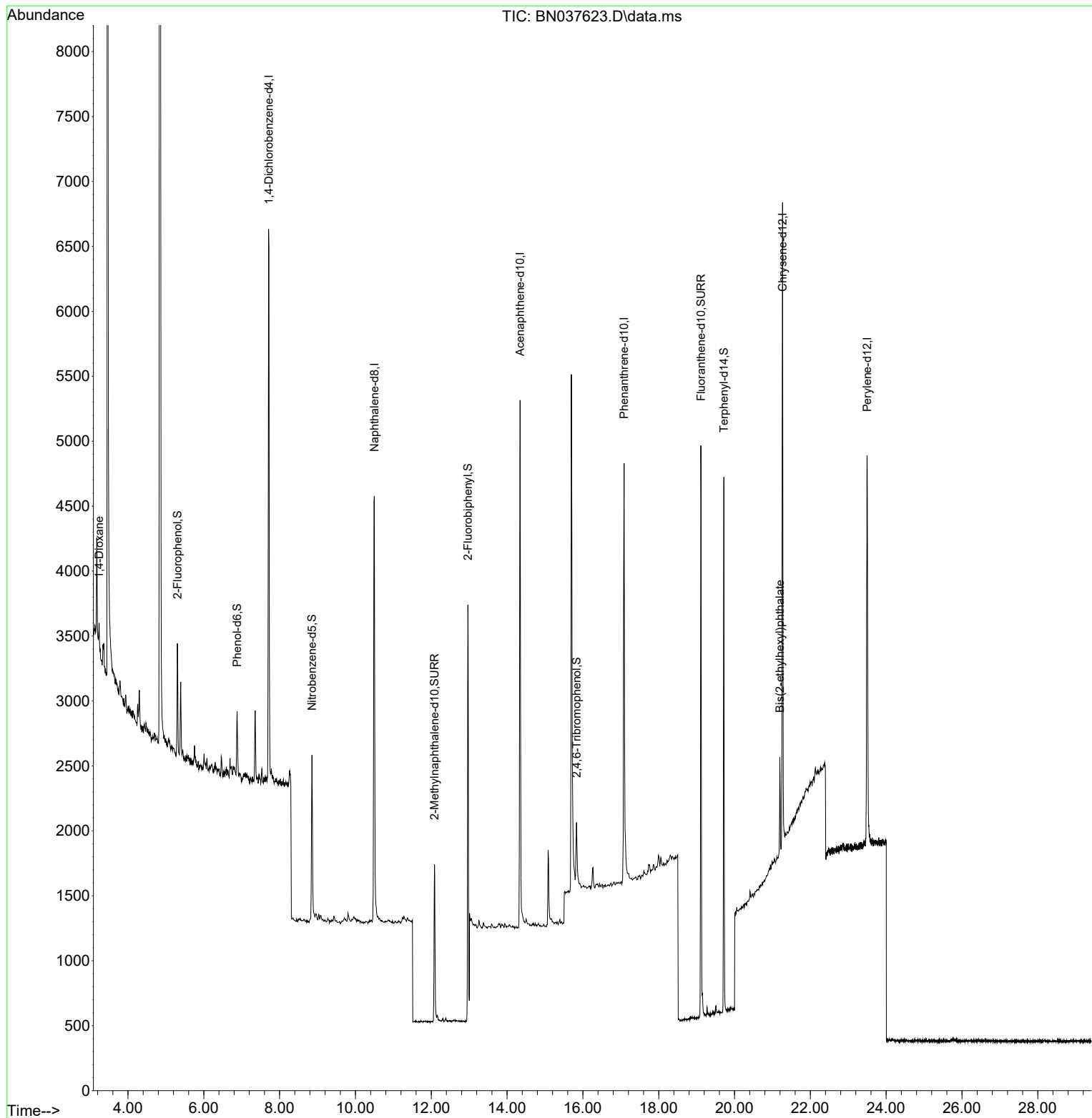
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2130	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4994	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2388	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5113	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4521	0.400	ng	0.00
35) Perylene-d12	23.499	264	4086	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	640	0.133	ng	0.00
5) Phenol-d6	6.879	99	437	0.075	ng	0.00
8) Nitrobenzene-d5	8.854	82	1120	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	1772	0.261	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	366	0.350	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	4248	0.308	ng	0.00
27) Fluoranthene-d10	19.113	212	4954	0.368	ng	0.00
31) Terphenyl-d14	19.717	244	3923	0.422	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	133	0.065	ng	# 14
34) Bis(2-ethylhexyl)phtha...	21.196	149	697	0.112	ng	# 98

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

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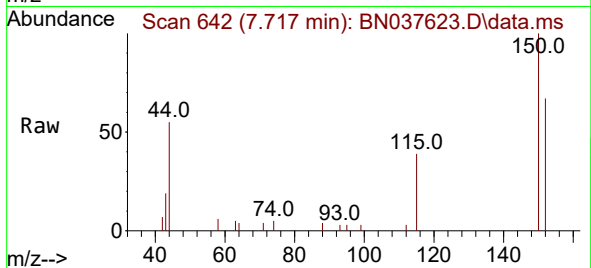
Quant Time: Aug 20 08:17:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
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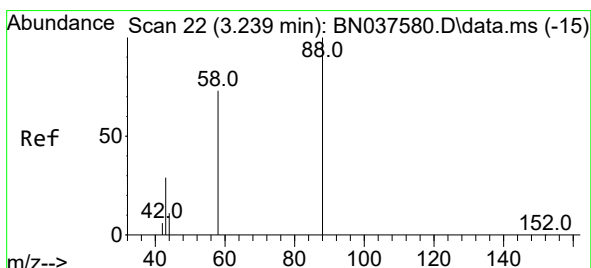
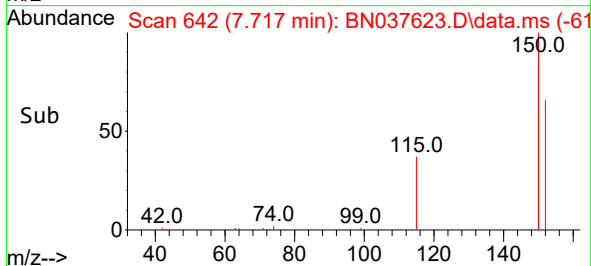
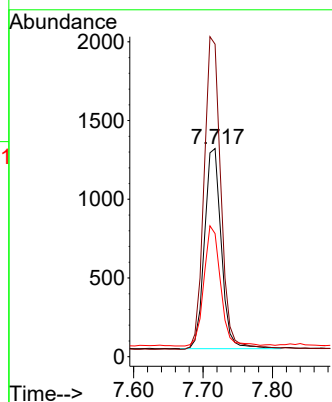


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037623.D
 Acq: 20 Aug 2025 07:13

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250814

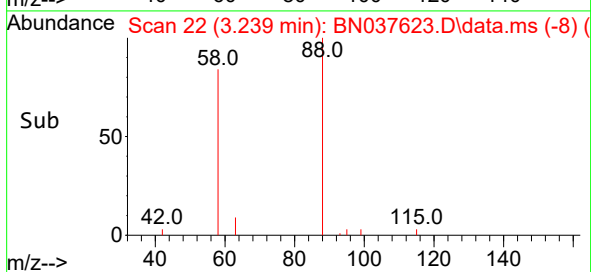
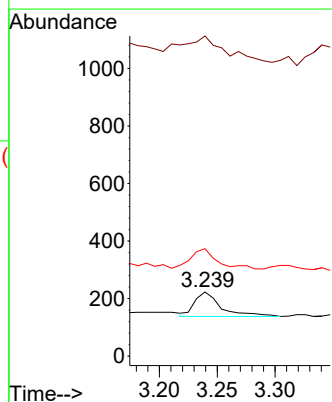
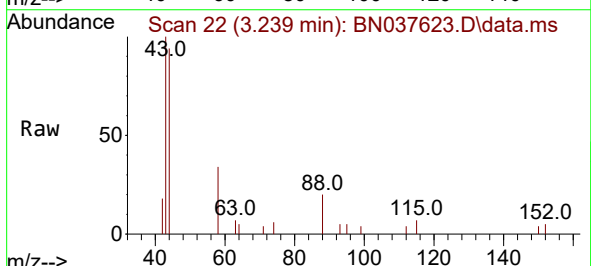


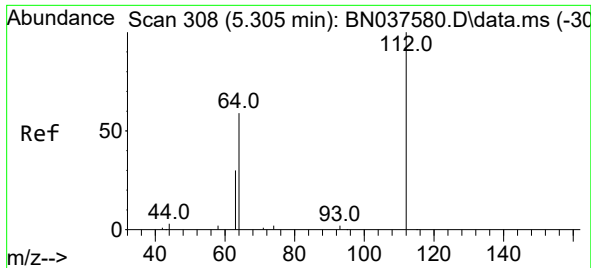
Tgt Ion:152 Resp: 2130
 Ion Ratio Lower Upper
 152 100
 150 150.0 122.2 183.4
 115 59.1 49.8 74.6



#2
 1,4-Dioxane
 Concen: 0.065 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037623.D
 Acq: 20 Aug 2025 07:13

Tgt Ion: 88 Resp: 133
 Ion Ratio Lower Upper
 88 100
 43 184.2 25.8 38.6#
 58 82.7 61.2 91.8

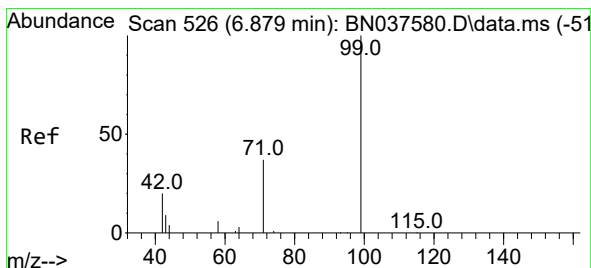
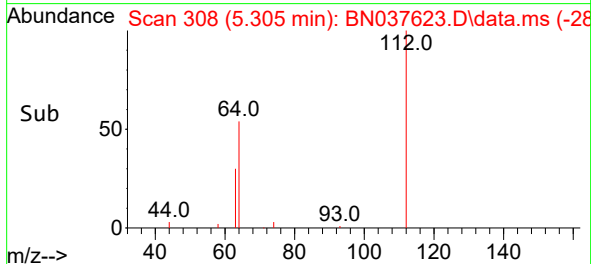
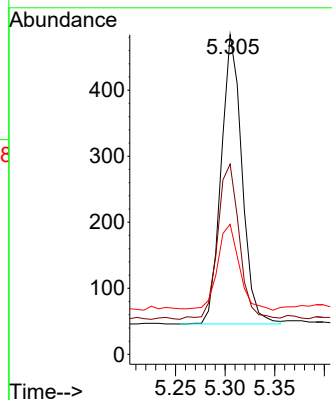
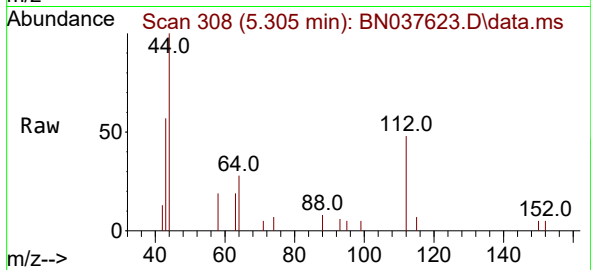




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037623.D
Acq: 20 Aug 2025 07:13

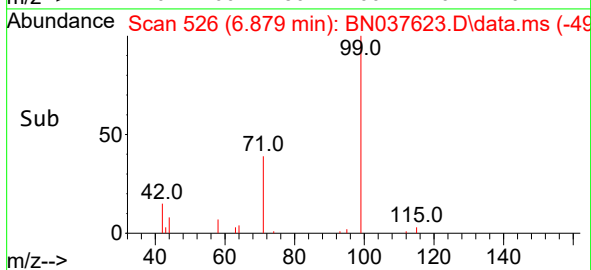
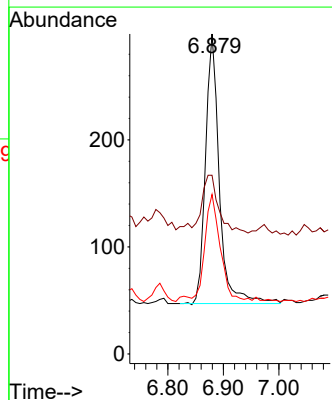
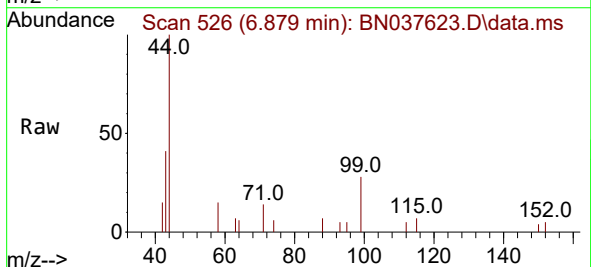
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250814

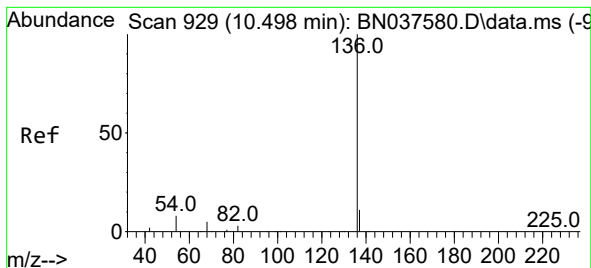
Tgt Ion:	112	Resp:	640
Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.9	67.3
63	31.3	23.4	35.2



#5
Phenol-d6
Concen: 0.075 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037623.D
Acq: 20 Aug 2025 07:13

Tgt Ion:	99	Resp:	437
Ion	Ratio	Lower	Upper
99	100		
42	26.8	18.5	27.7
71	41.6	28.6	42.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.498 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN037623.D

Acq: 20 Aug 2025 07:13

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20250814

Tgt Ion:136 Resp: 4994

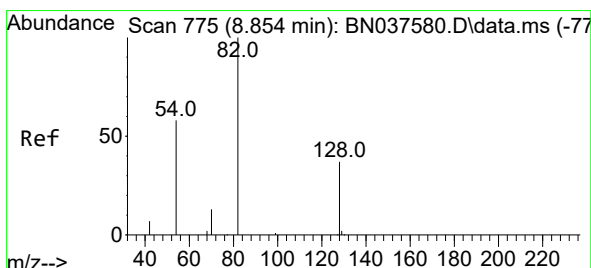
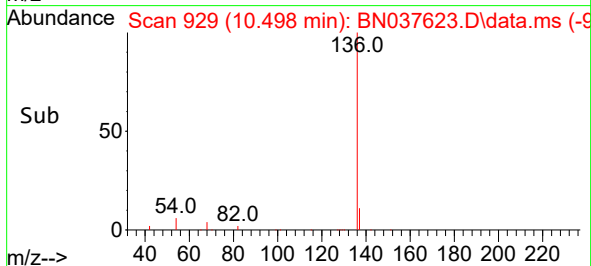
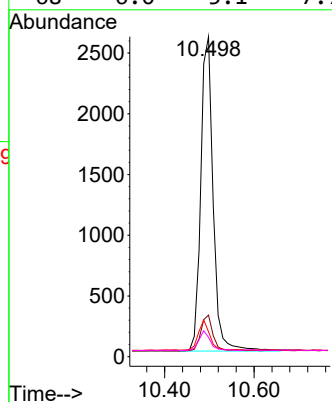
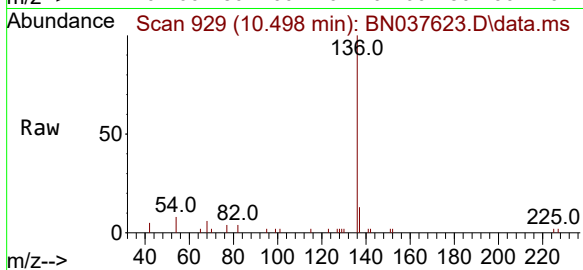
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 7.8 7.3 10.9

68 6.0 5.1 7.7



#8

Nitrobenzene-d5

Concen: 0.318 ng

RT: 8.854 min Scan# 775

Delta R.T. 0.000 min

Lab File: BN037623.D

Acq: 20 Aug 2025 07:13

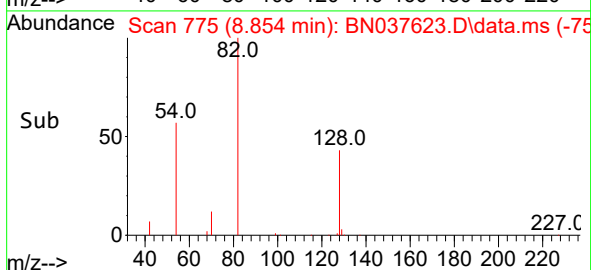
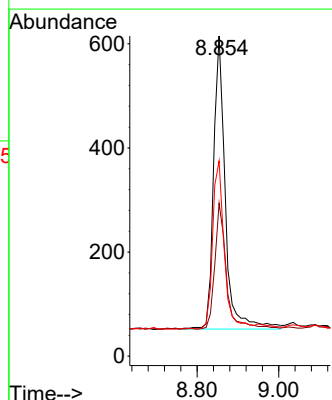
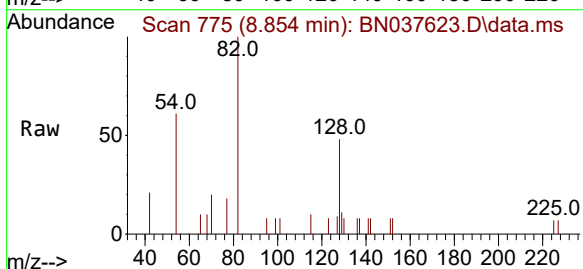
Tgt Ion: 82 Resp: 1120

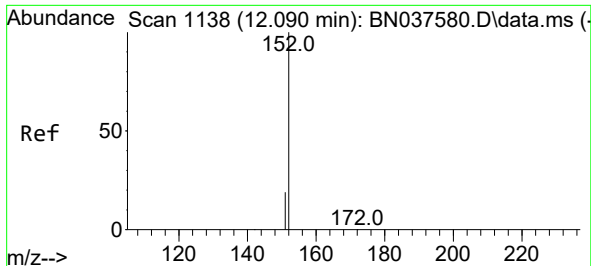
Ion Ratio Lower Upper

82 100

128 47.8 32.6 48.8

54 61.0 48.9 73.3

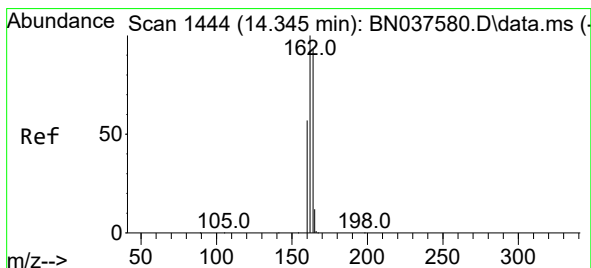
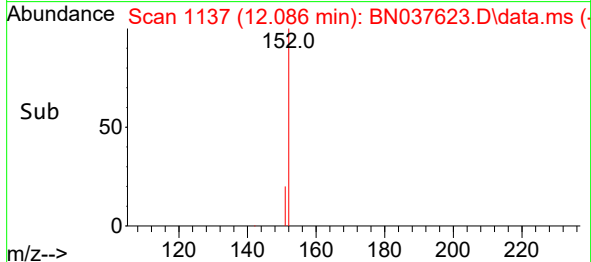
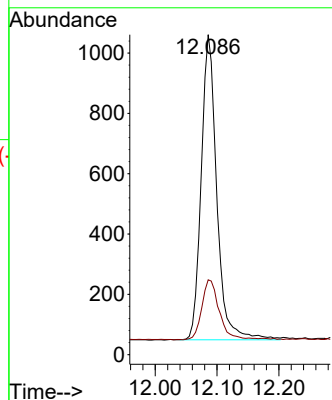
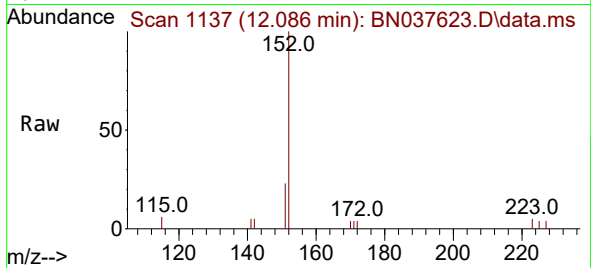




#11
2-Methylnaphthalene-d10
Concen: 0.261 ng
RT: 12.086 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037623.D
Acq: 20 Aug 2025 07:13

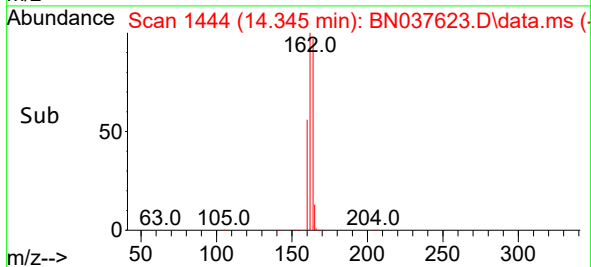
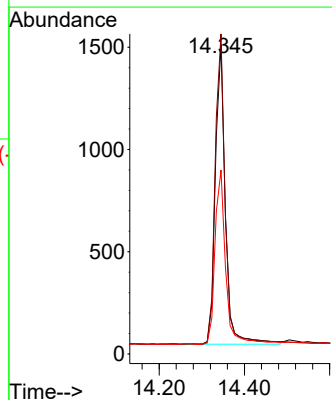
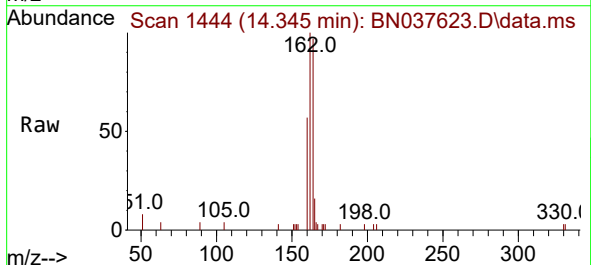
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250814

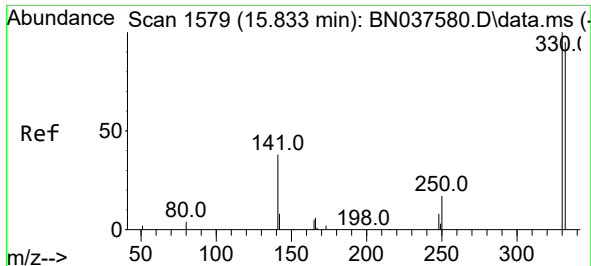
Tgt Ion:152 Resp: 1772
Ion Ratio Lower Upper
152 100
151 22.1 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037623.D
Acq: 20 Aug 2025 07:13

Tgt Ion:164 Resp: 2388
Ion Ratio Lower Upper
164 100
162 103.4 85.5 128.3
160 59.4 49.5 74.3

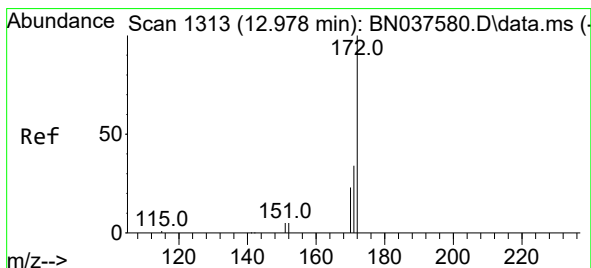
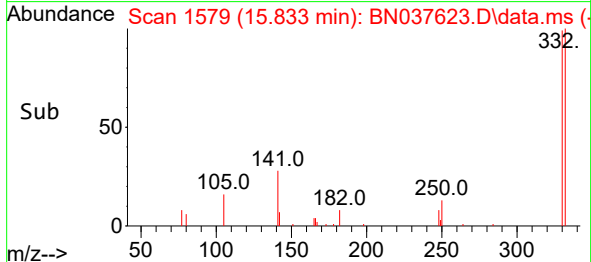
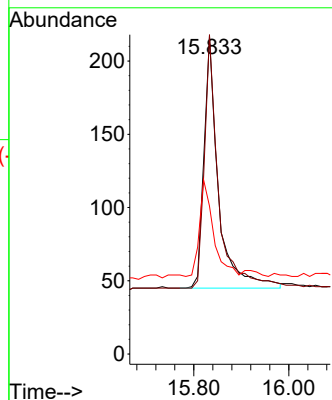
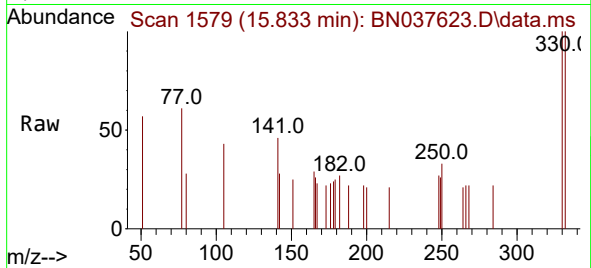




#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037623.D
Acq: 20 Aug 2025 07:13

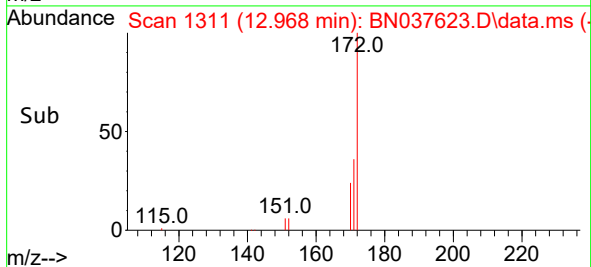
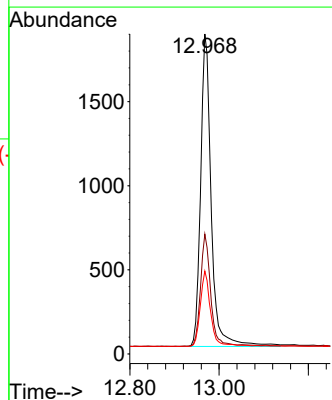
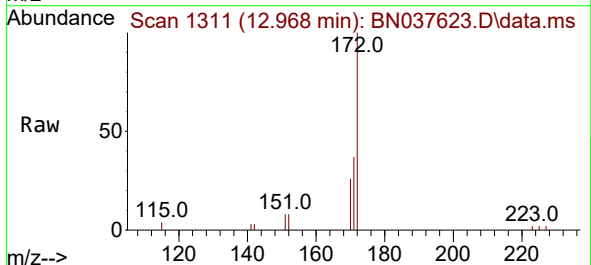
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250814

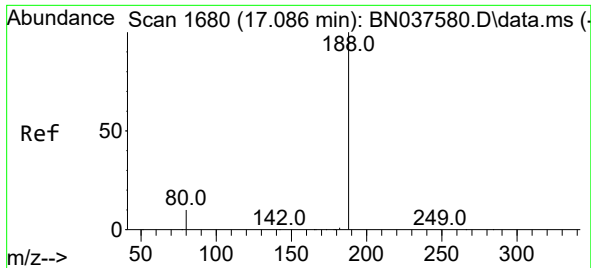
Tgt Ion:330 Resp: 366
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.0
141 37.4 30.9 46.3



#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.010 min
Lab File: BN037623.D
Acq: 20 Aug 2025 07:13

Tgt Ion:172 Resp: 4248
Ion Ratio Lower Upper
172 100
171 37.4 28.2 42.4
170 25.9 19.2 28.8

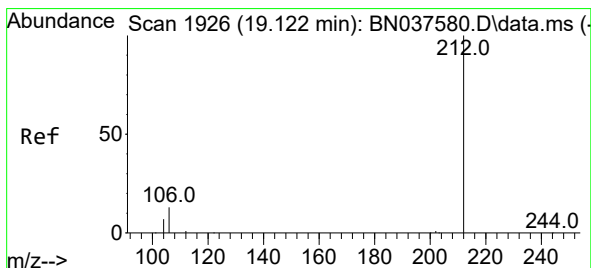
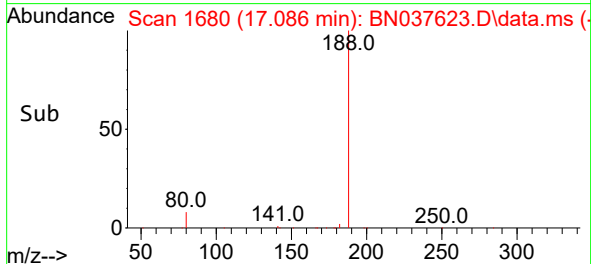
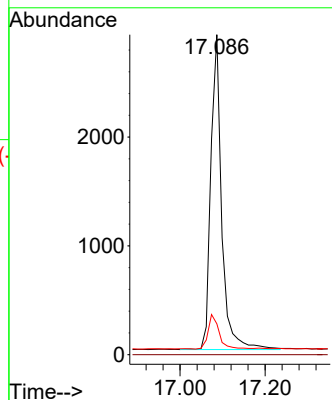
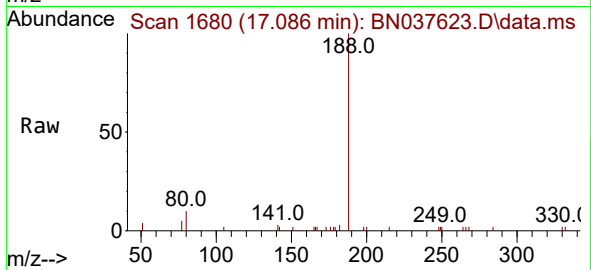




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037623.D
Acq: 20 Aug 2025 07:13

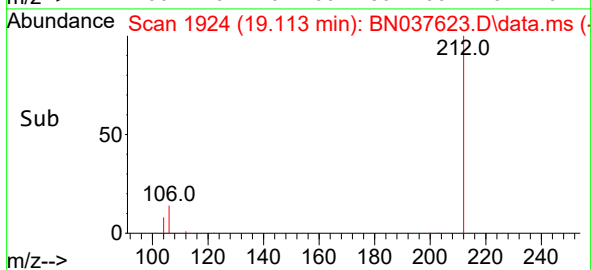
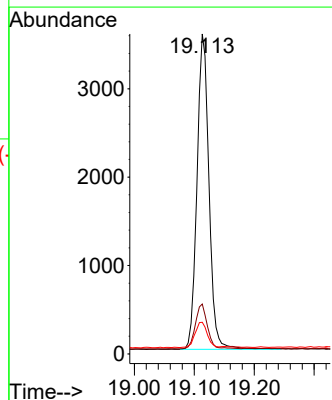
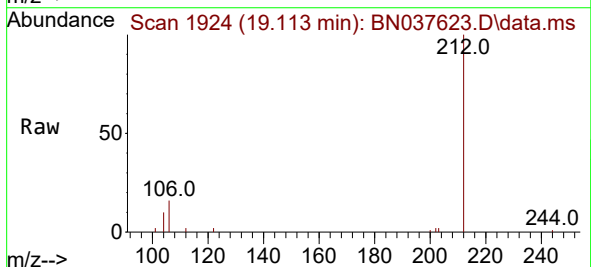
Instrument :
BNA_N
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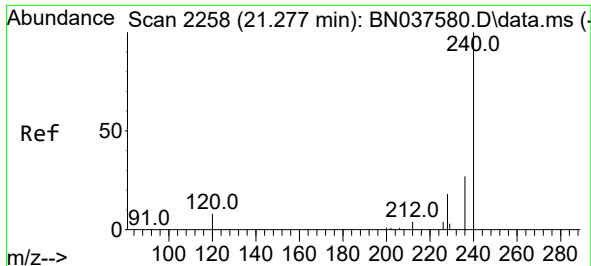
Tgt Ion:188 Resp: 5113
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 9.1 13.7



#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.009 min
Lab File: BN037623.D
Acq: 20 Aug 2025 07:13

Tgt Ion:212 Resp: 4954
Ion Ratio Lower Upper
212 100
106 14.3 11.5 17.3
104 8.1 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037623.D

Acq: 20 Aug 2025 07:13

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20250814

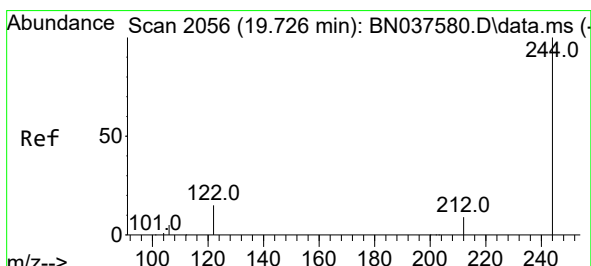
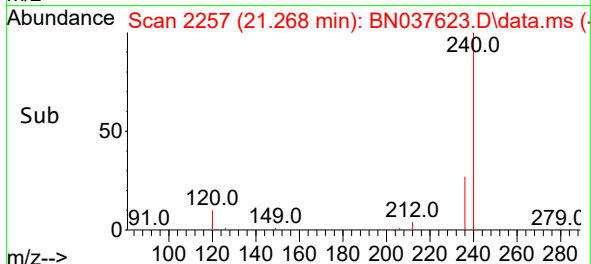
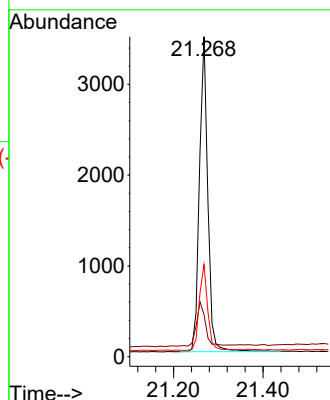
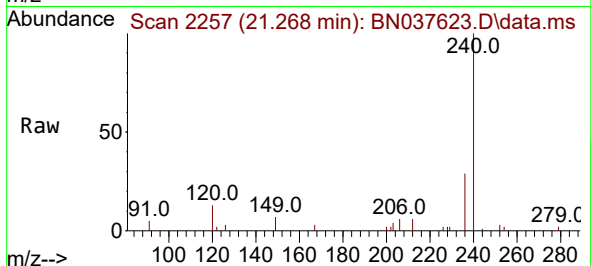
Tgt Ion:240 Resp: 4521

Ion Ratio Lower Upper

240 100

120 13.1 8.9 13.3

236 28.8 22.6 33.8



#31

Terphenyl-d14

Concen: 0.422 ng

RT: 19.717 min Scan# 2054

Delta R.T. -0.009 min

Lab File: BN037623.D

Acq: 20 Aug 2025 07:13

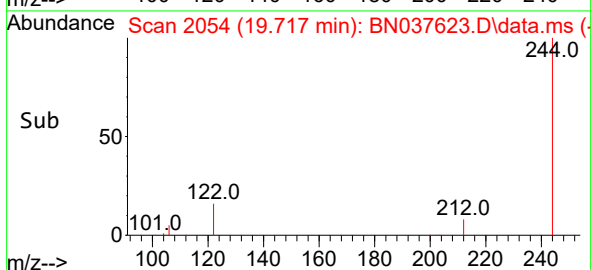
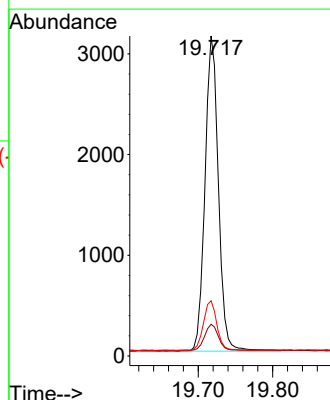
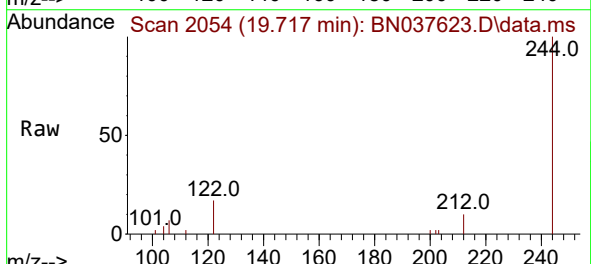
Tgt Ion:244 Resp: 3923

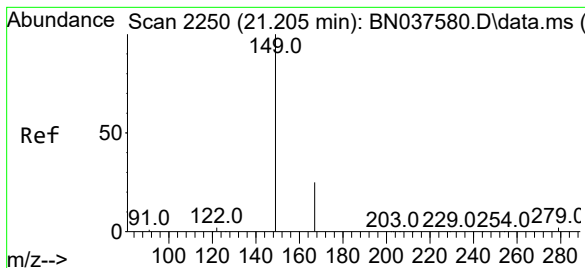
Ion Ratio Lower Upper

244 100

212 9.9 8.2 12.2

122 17.3 13.2 19.8

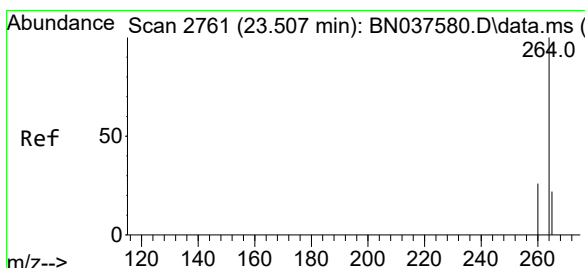
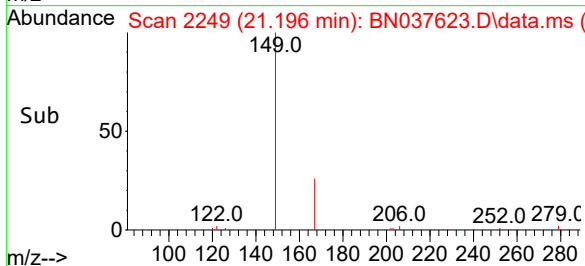
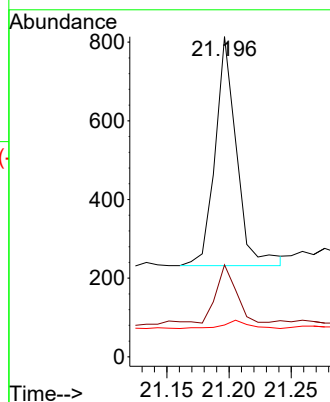
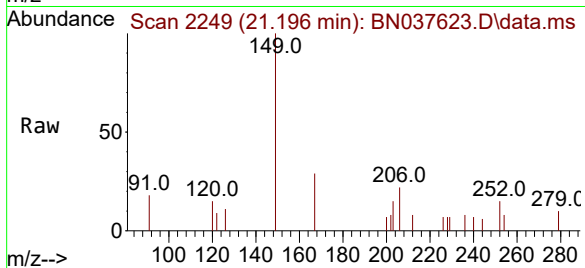




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.112 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.009 min
 Lab File: BN037623.D
 Acq: 20 Aug 2025 07:13

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250814

Tgt Ion:149 Resp: 697
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.5 30.7
 279 4.2 2.6 4.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.499 min Scan# 2758
 Delta R.T. -0.009 min
 Lab File: BN037623.D
 Acq: 20 Aug 2025 07:13

Tgt Ion:264 Resp: 4086
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.6 32.4
 265 74.8 48.2 72.4#

