

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037603.D
 Acq On : 19 Aug 2025 12:28
 Operator : RC/JU
 Sample : Q2842-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66.3-08122025

Quant Time: Aug 20 01:25:09 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

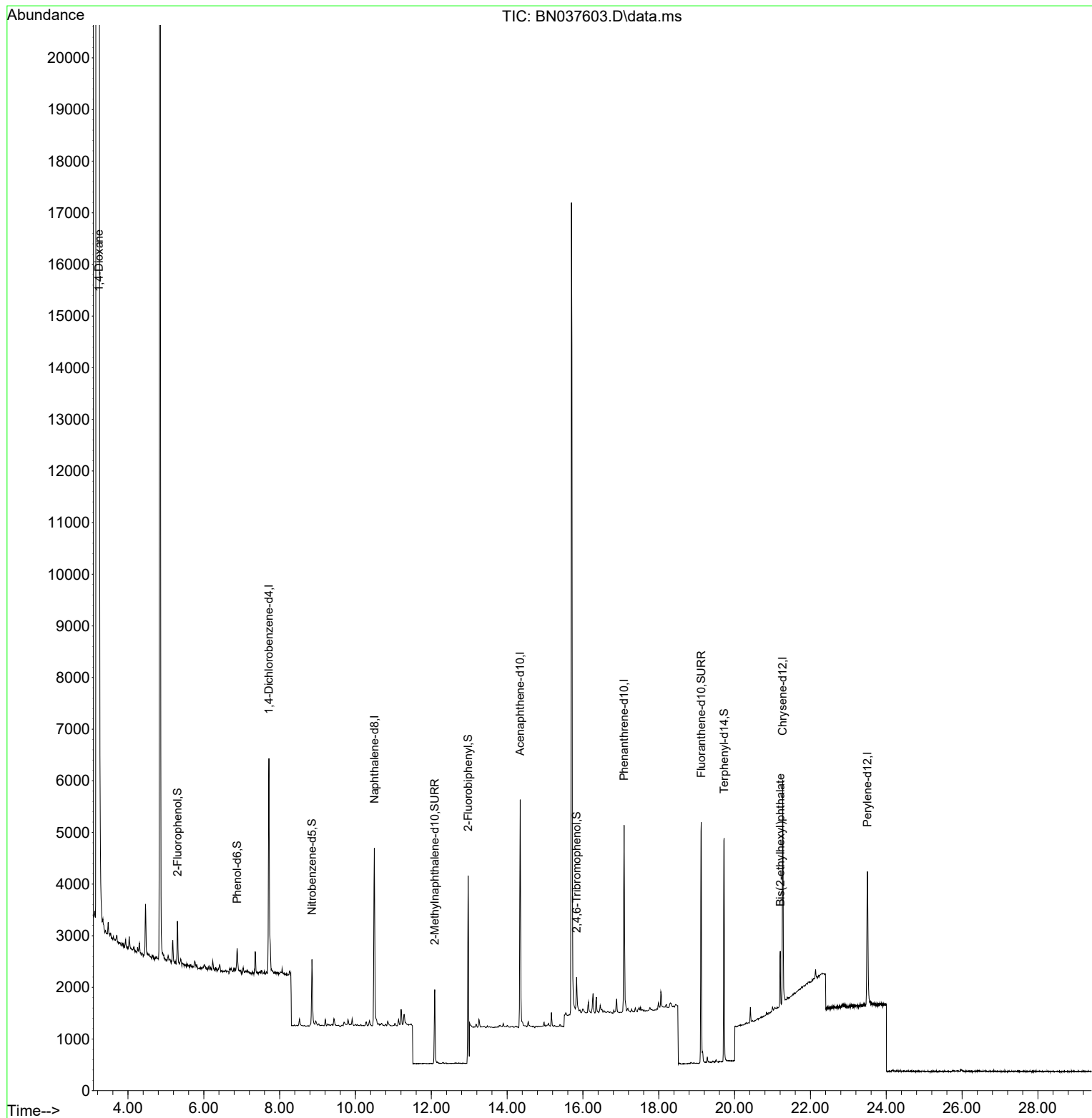
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2003	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4852	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2452	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	5058	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4260	0.400	ng	# 0.00
35) Perylene-d12	23.502	264	3745	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	628	0.138	ng	0.00
5) Phenol-d6	6.880	99	423	0.077	ng	0.00
8) Nitrobenzene-d5	8.854	82	1127	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.091	152	2003	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	394	0.367	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4739	0.334	ng	0.00
27) Fluoranthene-d10	19.118	212	5190	0.390	ng	0.00
31) Terphenyl-d14	19.722	244	4279	0.488	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	42068	21.952	ng	99
34) Bis(2-ethylhexyl)phtha...	21.205	149	1082	0.184	ng	99

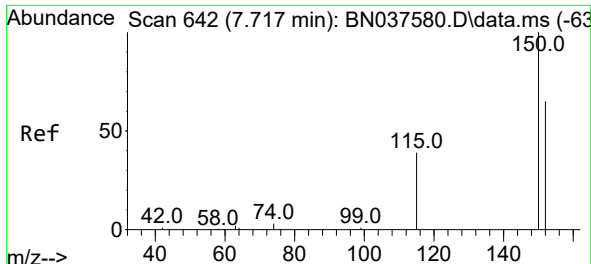
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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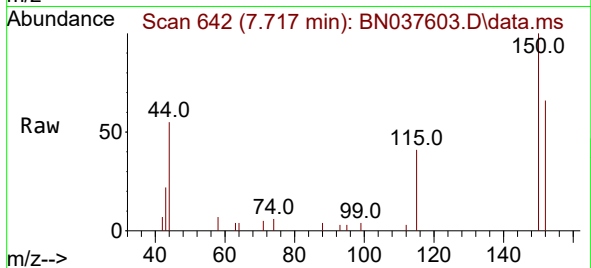
Quant Time: Aug 20 01:25:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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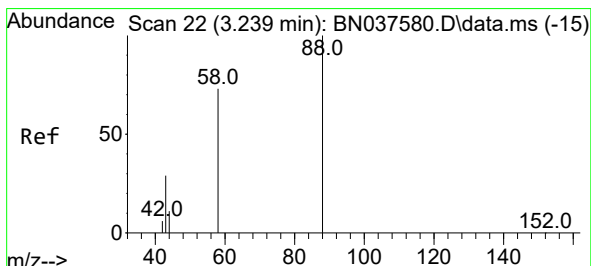
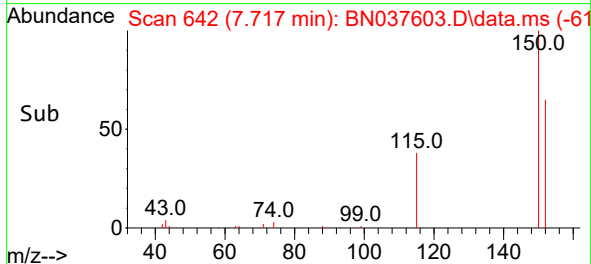
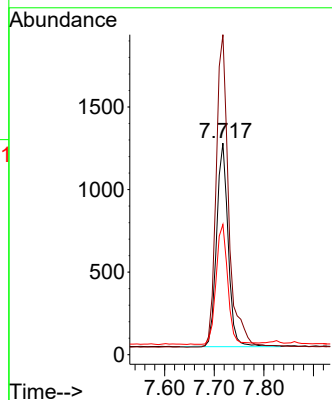
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037603.D
 Acq: 19 Aug 2025 12:28

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66.3-08122025



Tgt Ion: 152 Resp: 2003

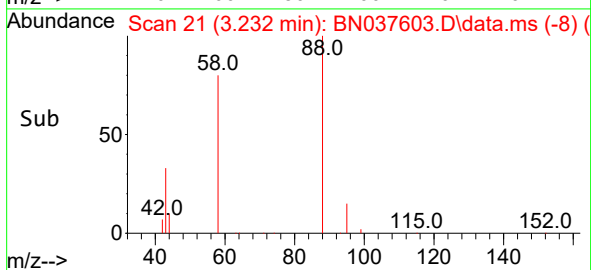
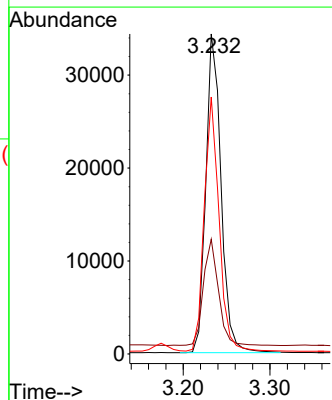
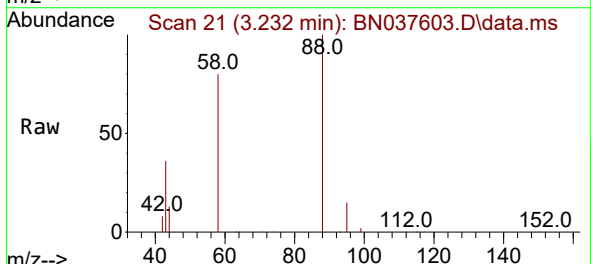
Ion	Ratio	Lower	Upper
152	100		
150	151.3	122.2	183.4
115	61.6	49.8	74.6

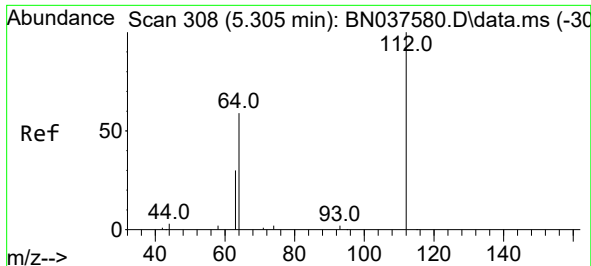


#2
 1,4-Dioxane
 Concen: 21.952 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN037603.D
 Acq: 19 Aug 2025 12:28

Tgt Ion: 88 Resp: 42068

Ion	Ratio	Lower	Upper
88	100		
43	32.8	25.8	38.6
58	76.8	61.2	91.8





#4

2-Fluorophenol

Concen: 0.138 ng

RT: 5.305 min Scan# 308

Delta R.T. 0.000 min

Lab File: BN037603.D

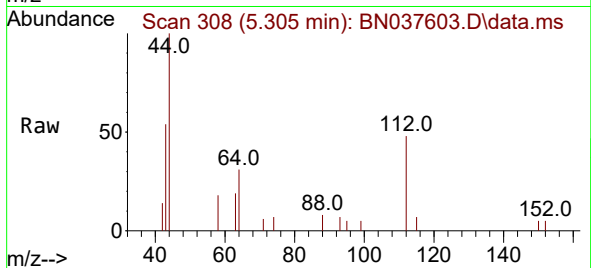
Acq: 19 Aug 2025 12:28

Instrument :

BNA_N

ClientSampleId :

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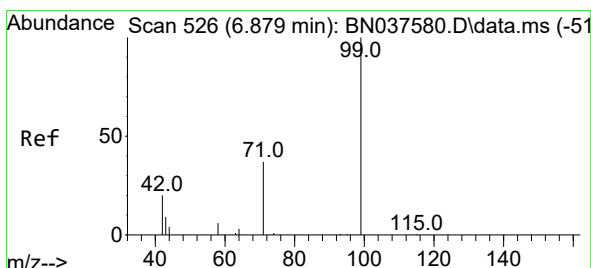
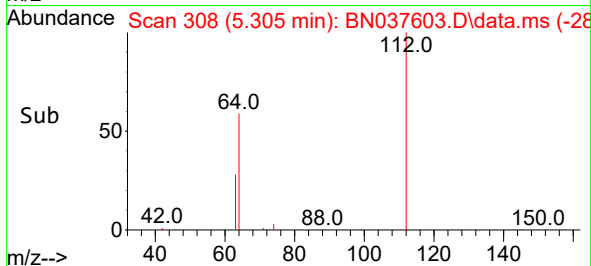
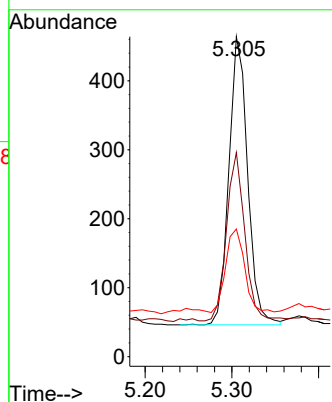
Tgt Ion:112 Resp: 628

Ion Ratio Lower Upper

112 100

64 57.2 44.9 67.3

63 29.5 23.4 35.2



#5

Phenol-d6

Concen: 0.077 ng

RT: 6.880 min Scan# 526

Delta R.T. 0.000 min

Lab File: BN037603.D

Acq: 19 Aug 2025 12:28

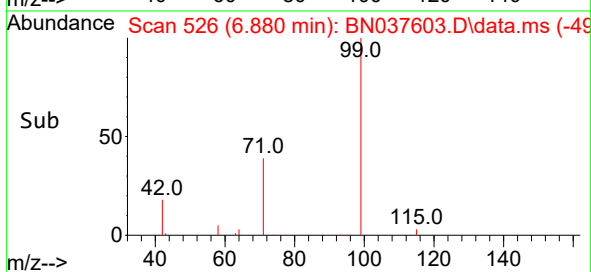
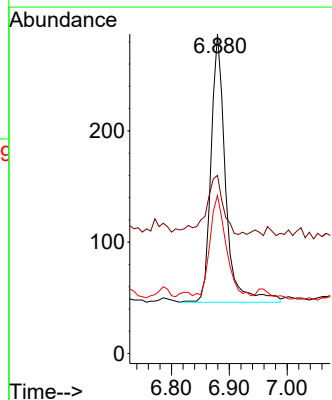
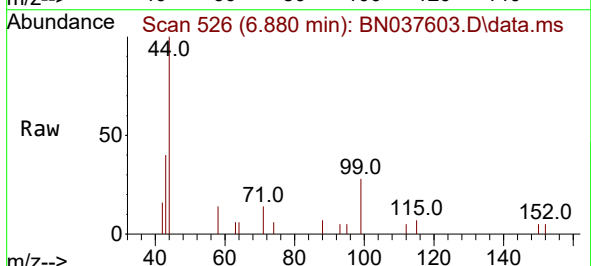
Tgt Ion: 99 Resp: 423

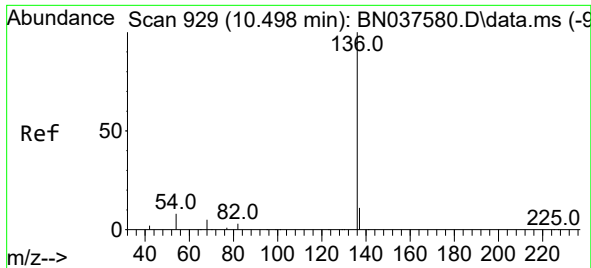
Ion Ratio Lower Upper

99 100

42 26.2 18.5 27.7

71 44.4 28.6 42.8#

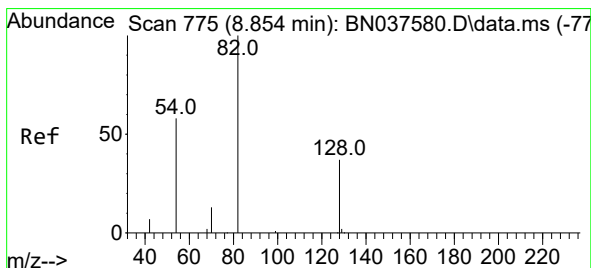
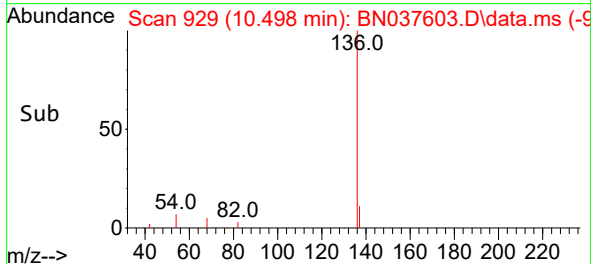
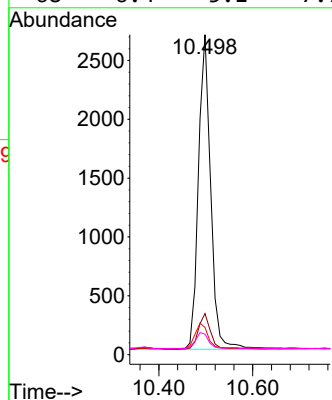
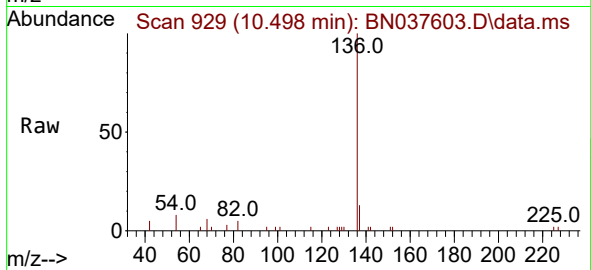




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

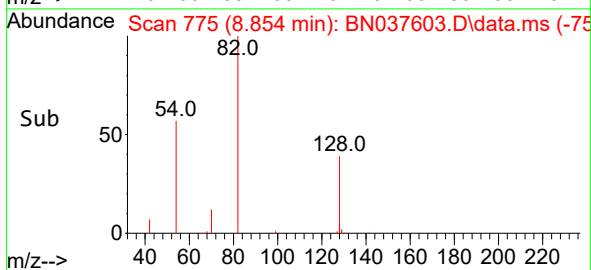
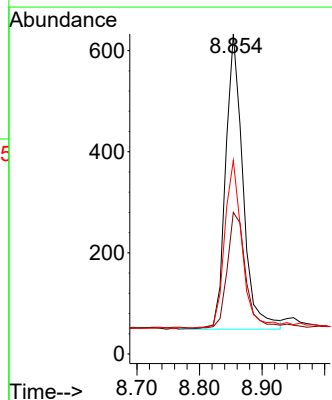
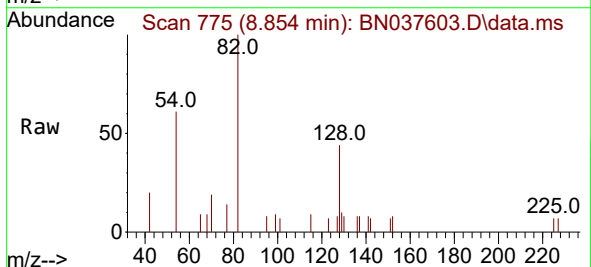
Instrument :
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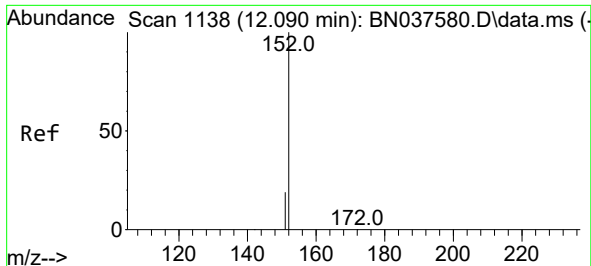
Tgt Ion:	136	Resp:	4852
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	8.5	7.3	10.9
68	6.4	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

Tgt Ion:	82	Resp:	1127
Ion	Ratio	Lower	Upper
82	100		
128	44.2	32.6	48.8
54	60.5	48.9	73.3

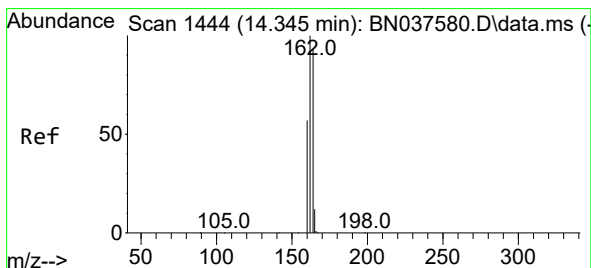
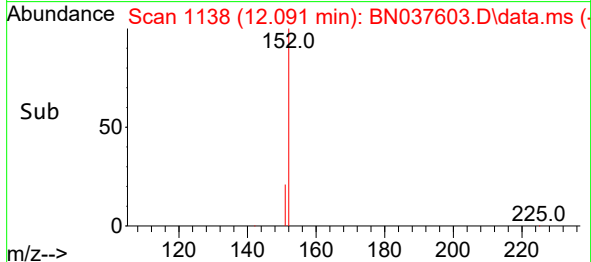
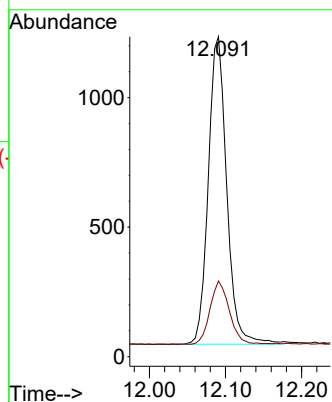
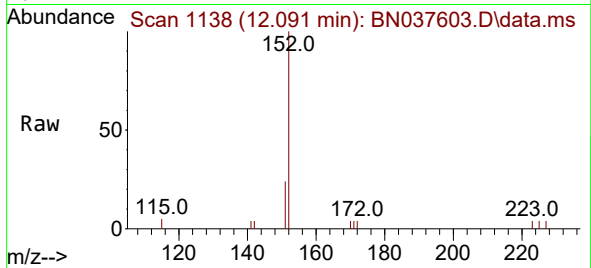




#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.091 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

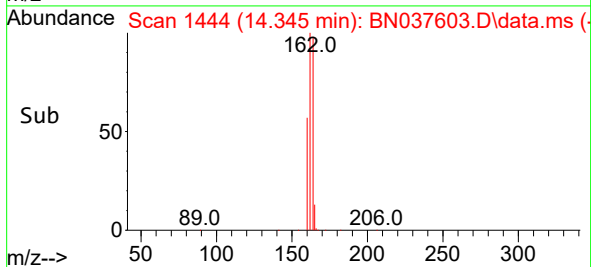
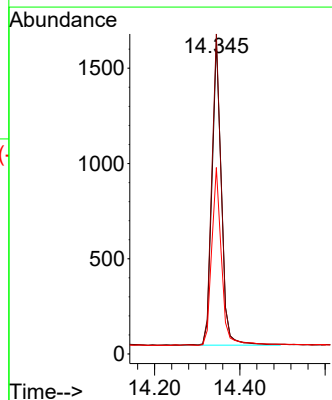
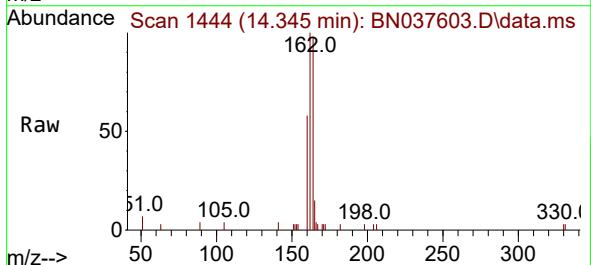
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025

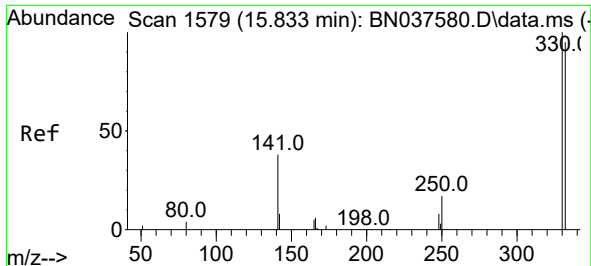
Tgt Ion:152 Resp: 2003
Ion Ratio Lower Upper
152 100
151 21.6 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

Tgt Ion:164 Resp: 2452
Ion Ratio Lower Upper
164 100
162 102.3 85.5 128.3
160 59.6 49.5 74.3

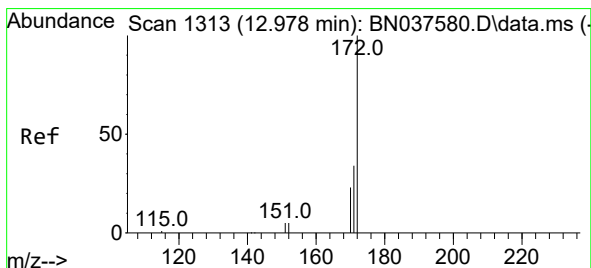
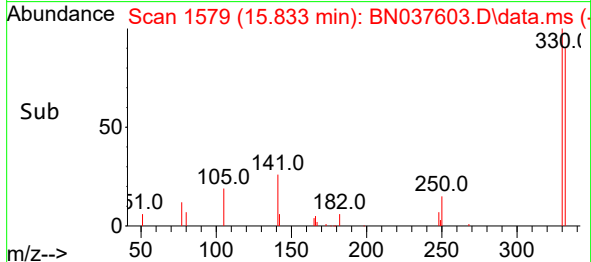
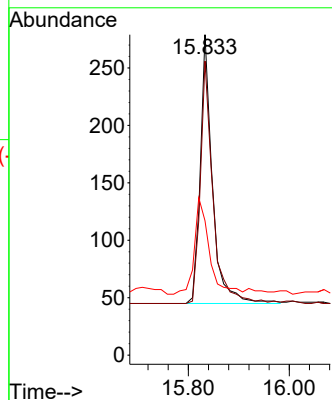
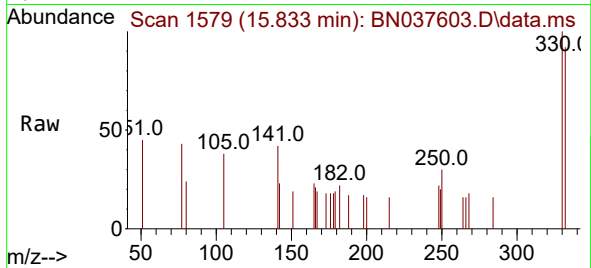




#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

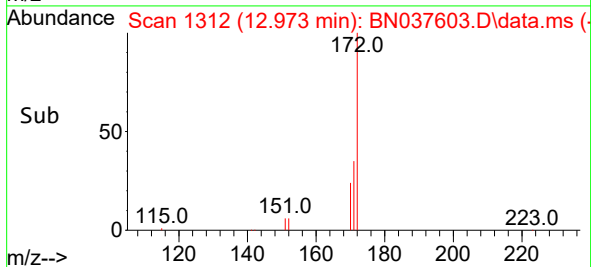
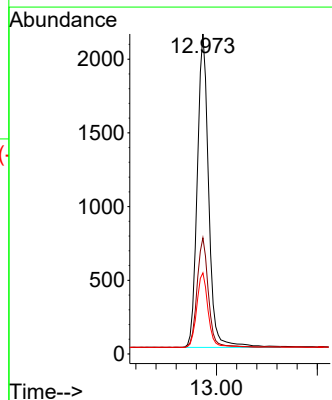
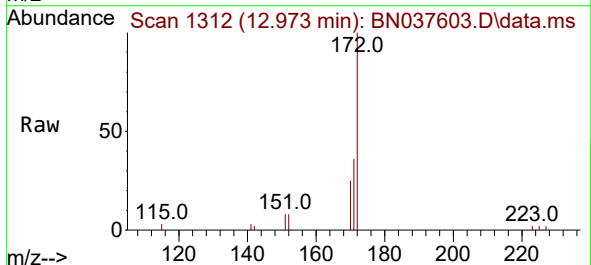
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ClientSampleId :
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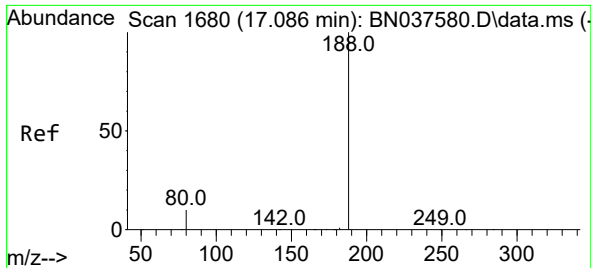
Tgt Ion:330 Resp: 394
Ion Ratio Lower Upper
330 100
332 93.4 77.4 116.0
141 43.4 30.9 46.3



#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

Tgt Ion:172 Resp: 4739
Ion Ratio Lower Upper
172 100
171 36.3 28.2 42.4
170 25.3 19.2 28.8

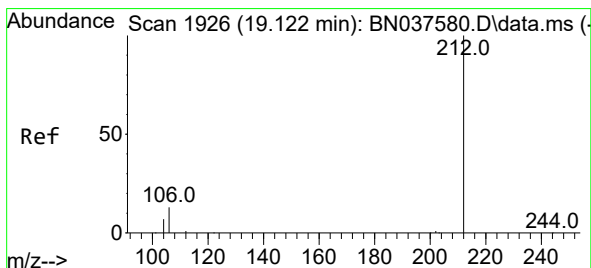
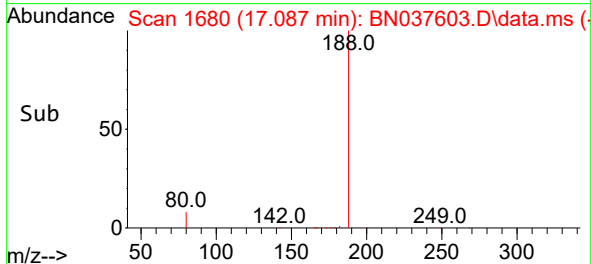
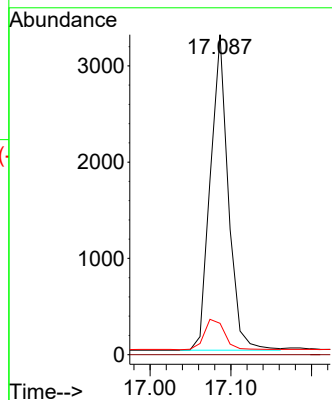
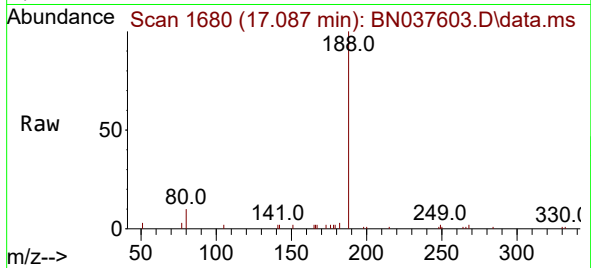




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

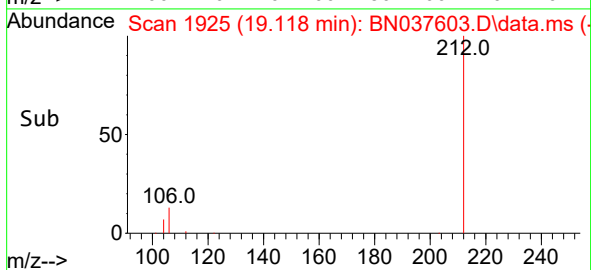
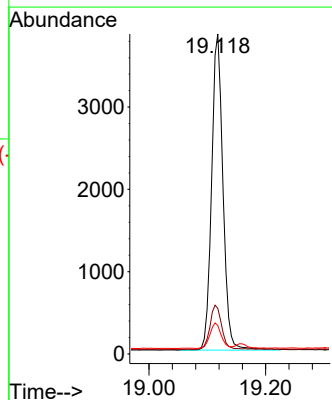
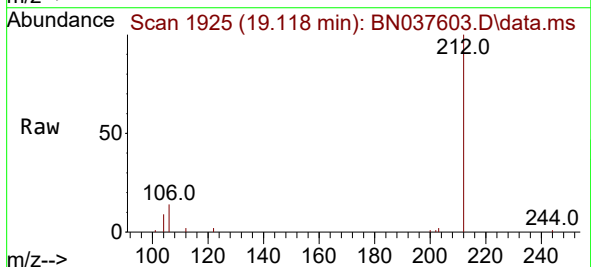
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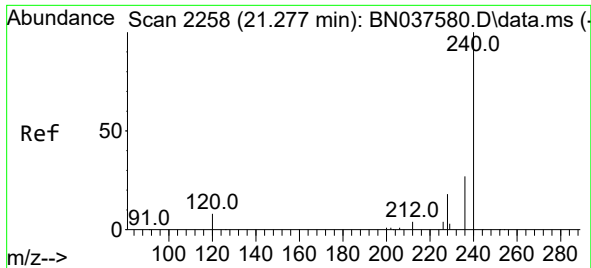
Tgt Ion:188 Resp: 5058
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 9.1 13.7



#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.004 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

Tgt Ion:212 Resp: 5190
Ion Ratio Lower Upper
212 100
106 14.6 11.5 17.3
104 8.1 6.6 9.8

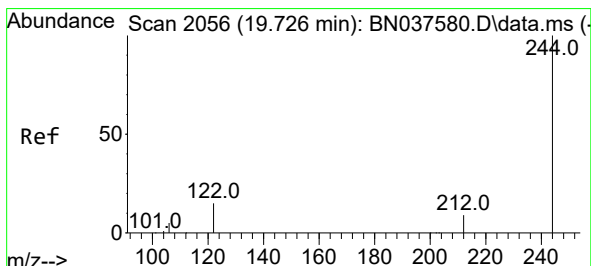
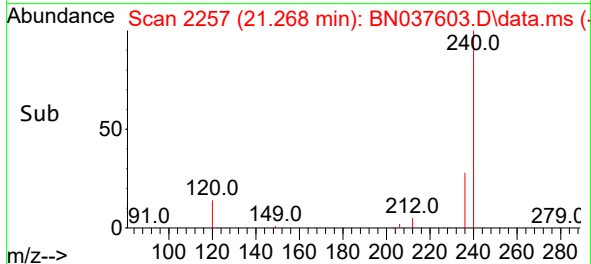
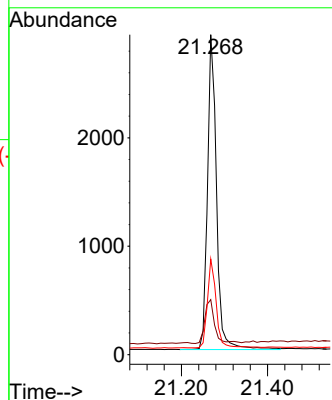
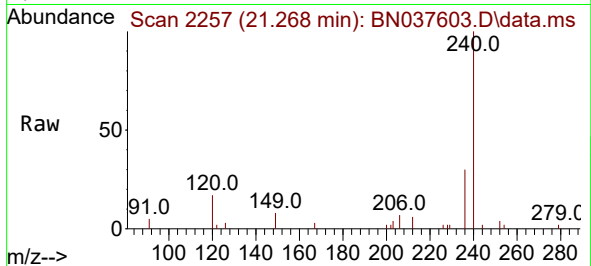




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

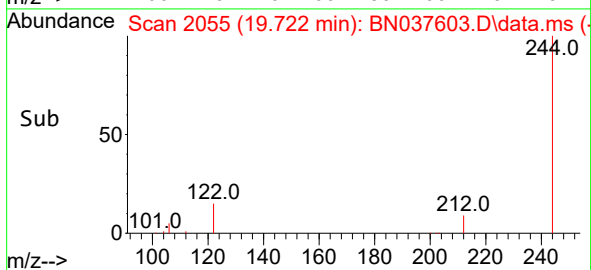
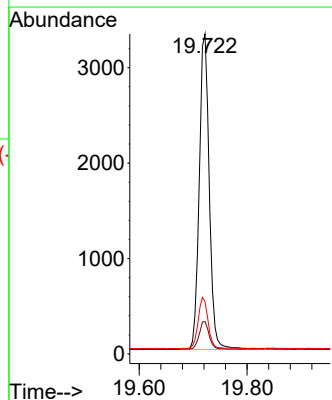
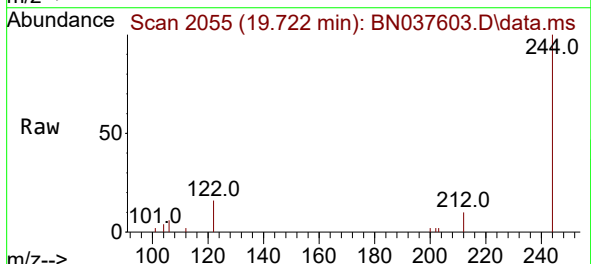
Instrument :
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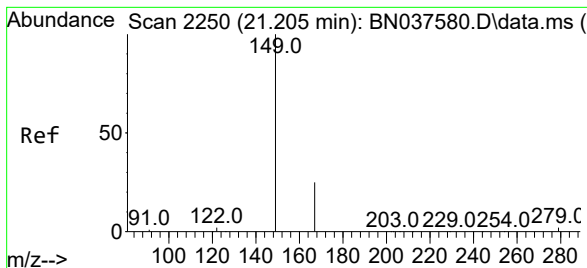
Tgt Ion:240 Resp: 4260
Ion Ratio Lower Upper
240 100
120 17.2 8.9 13.3#
236 29.9 22.6 33.8



#31
Terphenyl-d14
Concen: 0.488 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.004 min
Lab File: BN037603.D
Acq: 19 Aug 2025 12:28

Tgt Ion:244 Resp: 4279
Ion Ratio Lower Upper
244 100
212 10.1 8.2 12.2
122 16.3 13.2 19.8





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.184 ng

RT: 21.205 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037603.D

Acq: 19 Aug 2025 12:28

Instrument :

BNA_N

ClientSampleId :

RMW-02B-66.3-08122025

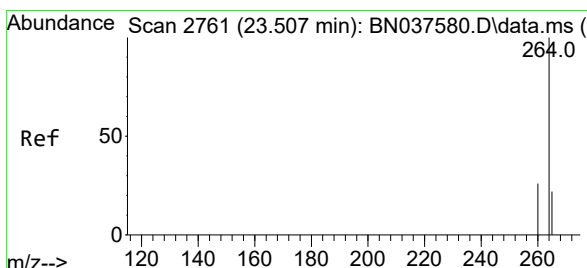
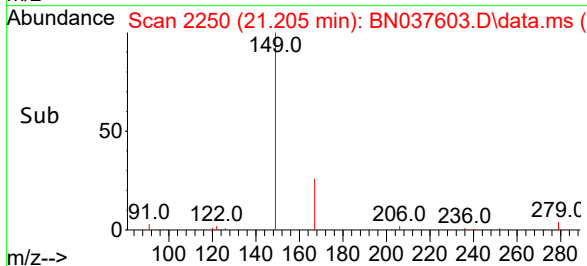
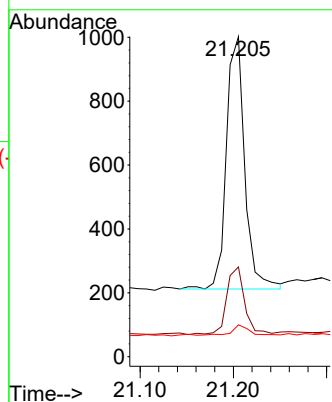
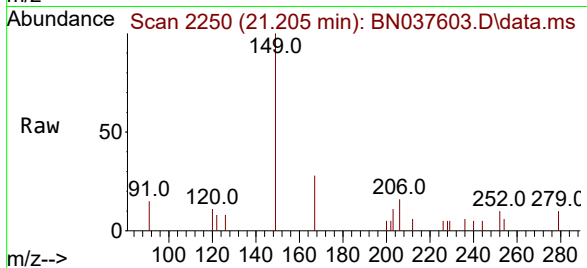
Tgt Ion:149 Resp: 1082

Ion Ratio Lower Upper

149 100

167 26.2 20.5 30.7

279 3.7 2.6 4.0



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.502 min Scan# 2759

Delta R.T. -0.006 min

Lab File: BN037603.D

Acq: 19 Aug 2025 12:28

Tgt Ion:264 Resp: 3745

Ion Ratio Lower Upper

264 100

260 27.3 21.6 32.4

265 74.5 48.2 72.4#

