

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037621.D
 Acq On : 20 Aug 2025 06:03
 Operator : RC/JU
 Sample : Q2842-02DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 20 06:52:31 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)

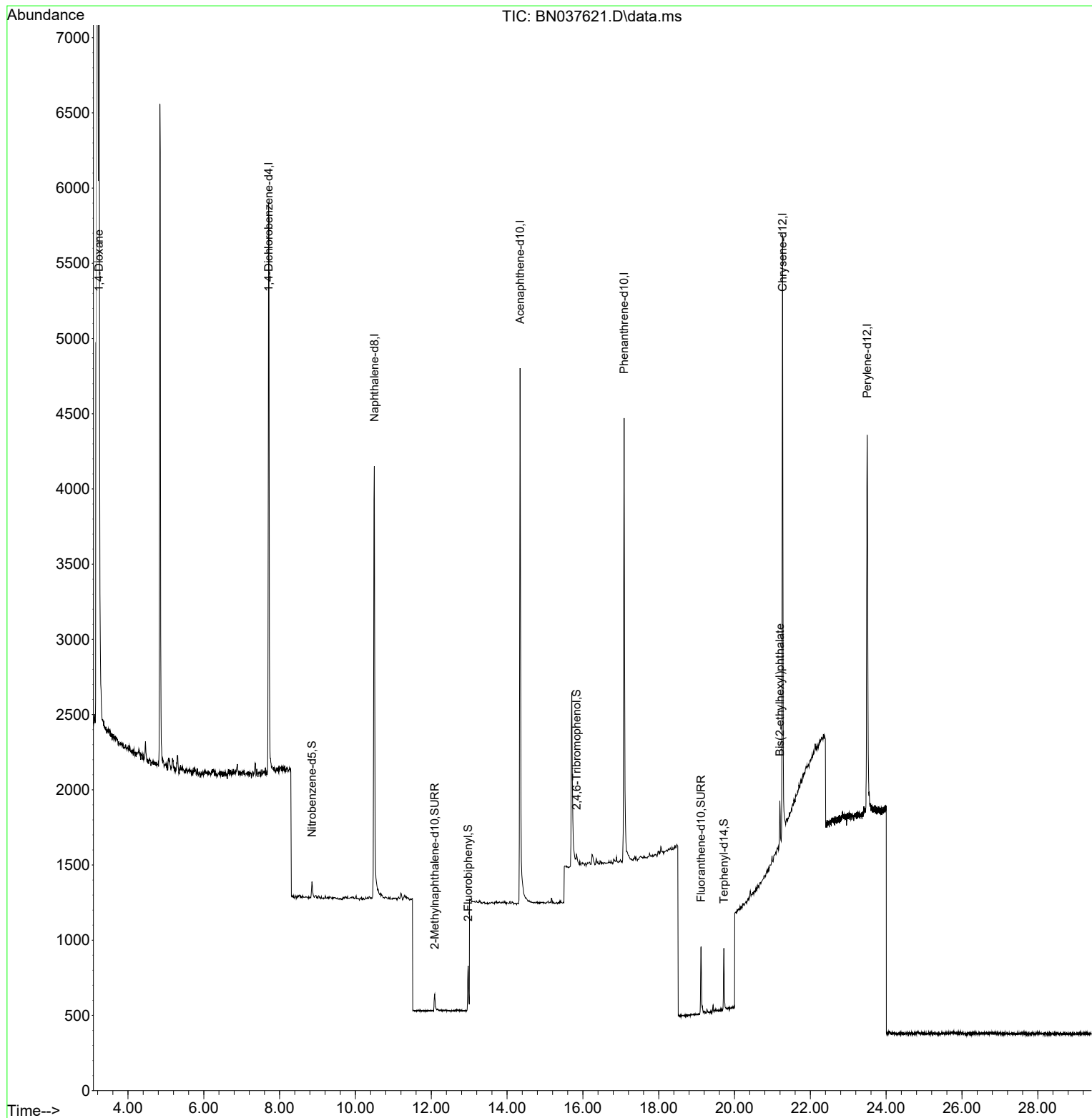
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	1938	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4467	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2275	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4809	0.400	ng	0.00
29) Chrysene-d12	21.268	240	3968	0.400	ng	# 0.00
35) Perylene-d12	23.501	264	3640	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	72	0.016	ng	0.00
5) Phenol-d6	6.879	99	50	0.009	ng	0.00
8) Nitrobenzene-d5	8.854	82	113	0.036	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	192	0.032	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	41	0.041	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	478	0.036	ng	0.00
27) Fluoranthene-d10	19.118	212	570	0.045	ng	0.00
31) Terphenyl-d14	19.717	244	449	0.055	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	4850	2.616	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	315	0.058	ng	96

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

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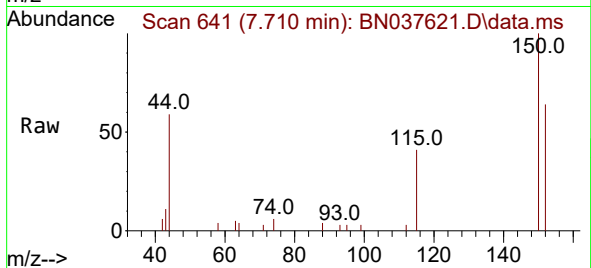
Quant Time: Aug 20 06:52:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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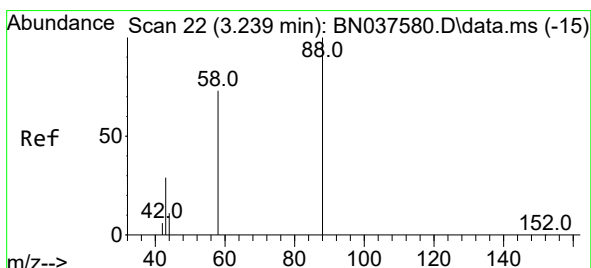
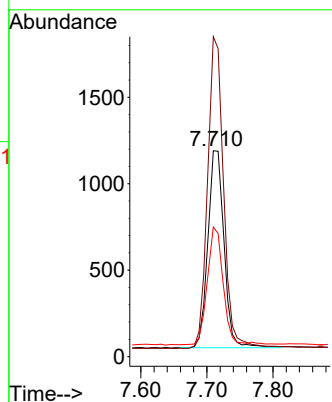
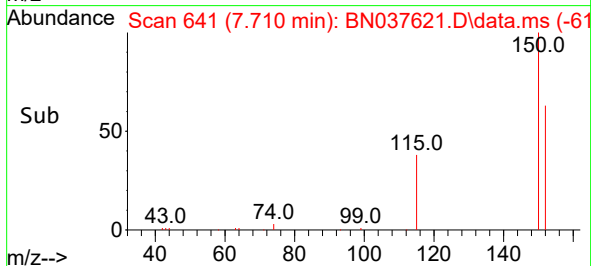


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037621.D
 Acq: 20 Aug 2025 06:03

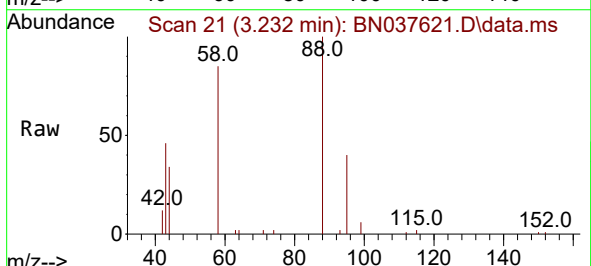
Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-66.3-08122025DL



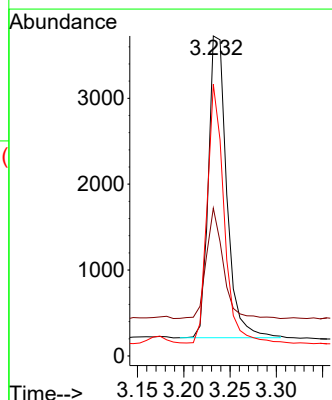
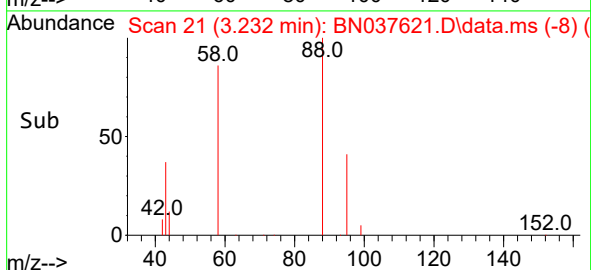
Tgt Ion:152 Resp: 1938
 Ion Ratio Lower Upper
 152 100
 150 155.4 122.2 183.4
 115 63.0 49.8 74.6

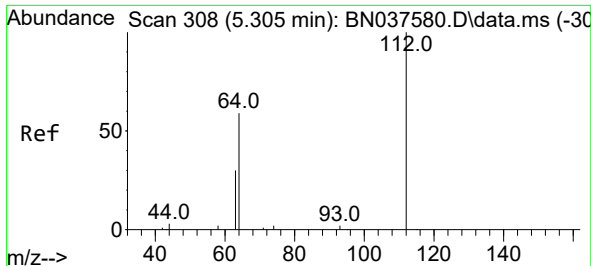


#2
 1,4-Dioxane
 Concen: 2.616 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN037621.D
 Acq: 20 Aug 2025 06:03



Tgt Ion: 88 Resp: 4850
 Ion Ratio Lower Upper
 88 100
 43 33.4 25.8 38.6
 58 78.7 61.2 91.8





#4

2-Fluorophenol

Concen: 0.016 ng

RT: 5.305 min Scan# 308

Delta R.T. -0.000 min

Lab File: BN037621.D

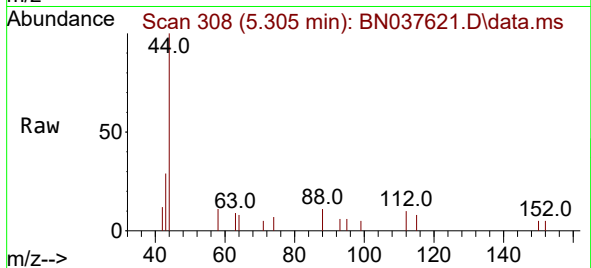
Acq: 20 Aug 2025 06:03

Instrument :

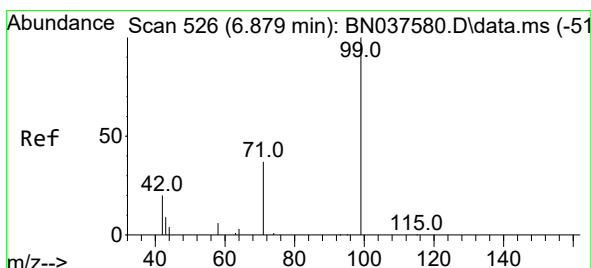
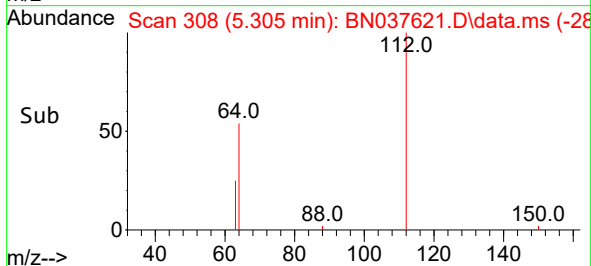
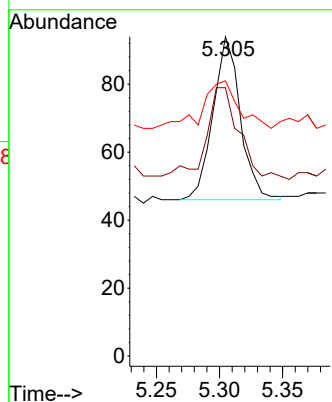
BNA_N

ClientSampleId :

RMW-02B-66.3-08122025DL



Tgt Ion:	112	Resp:	72
Ion	Ratio	Lower	Upper
112	100		
64	69.4	44.9	67.3#
63	45.8	23.4	35.2#



#5

Phenol-d6

Concen: 0.009 ng

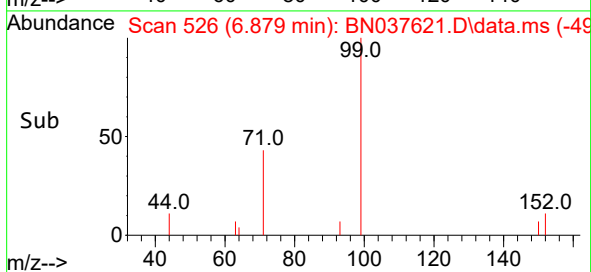
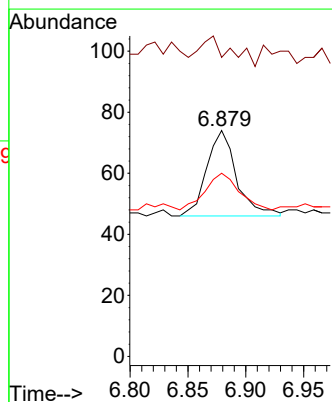
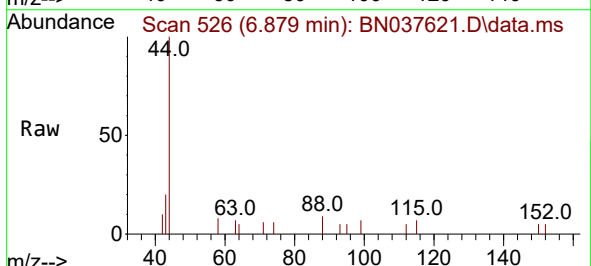
RT: 6.879 min Scan# 526

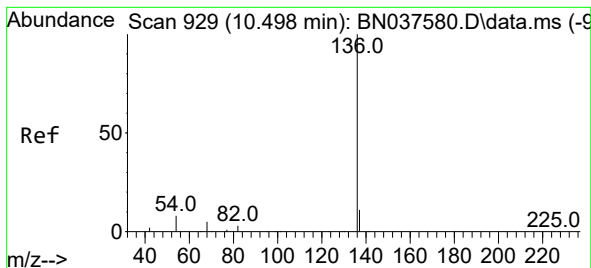
Delta R.T. -0.000 min

Lab File: BN037621.D

Acq: 20 Aug 2025 06:03

Tgt Ion:	99	Resp:	50
Ion	Ratio	Lower	Upper
99	100		
42	36.0	18.5	27.7#
71	54.0	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: BN037621.D

Acq: 20 Aug 2025 06:03

Instrument :

BNA_N

ClientSampleId :

RMW-02B-66.3-08122025DL

Tgt Ion:136 Resp: 4467

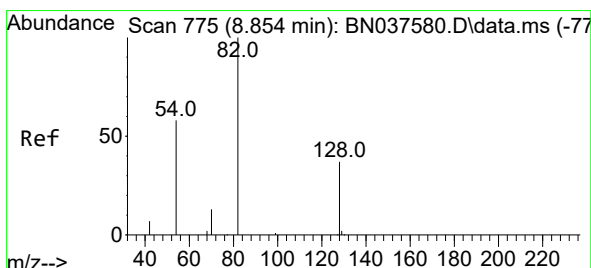
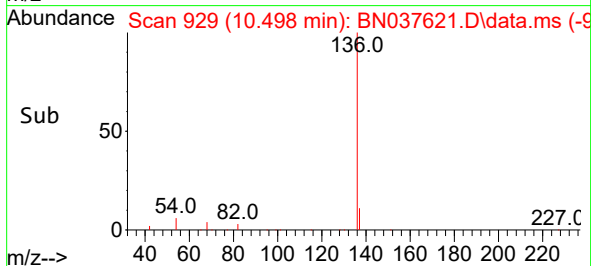
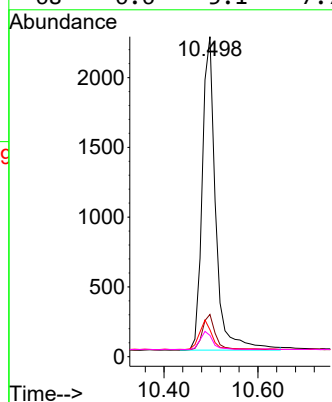
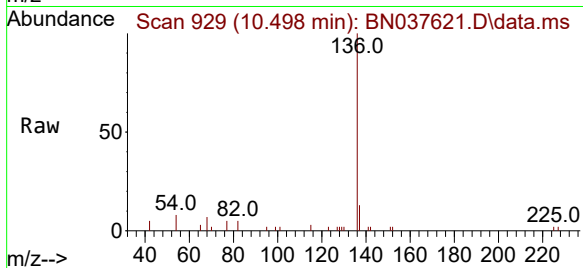
Ion Ratio Lower Upper

136 100

137 13.2 9.5 14.3

54 8.4 7.3 10.9

68 6.6 5.1 7.7



#8

Nitrobenzene-d5

Concen: 0.036 ng

RT: 8.854 min Scan# 775

Delta R.T. -0.000 min

Lab File: BN037621.D

Acq: 20 Aug 2025 06:03

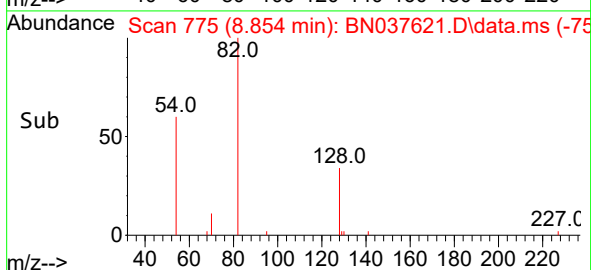
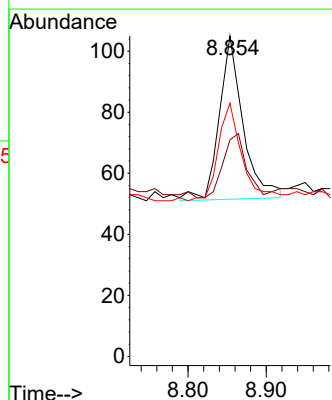
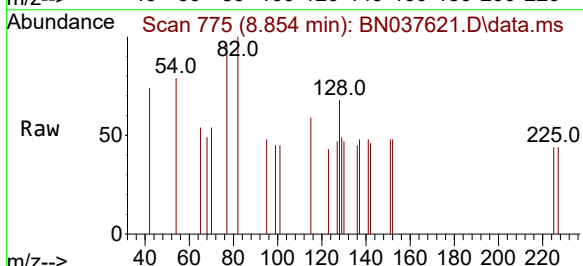
Tgt Ion: 82 Resp: 113

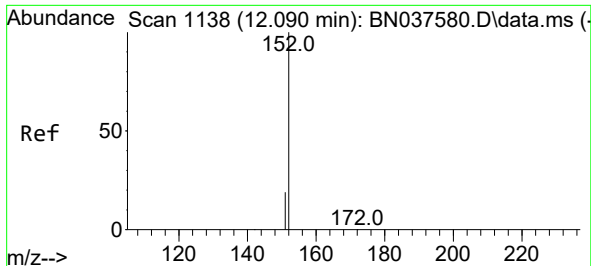
Ion Ratio Lower Upper

82 100

128 67.6 32.6 48.8#

54 79.0 48.9 73.3#

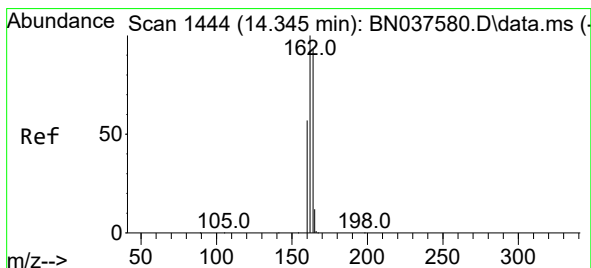
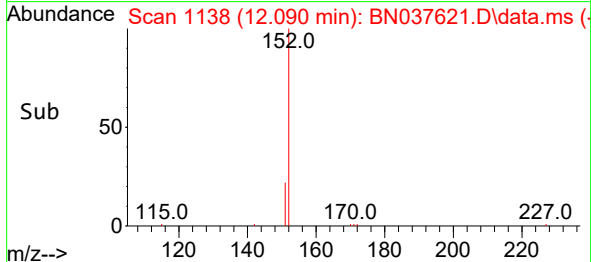
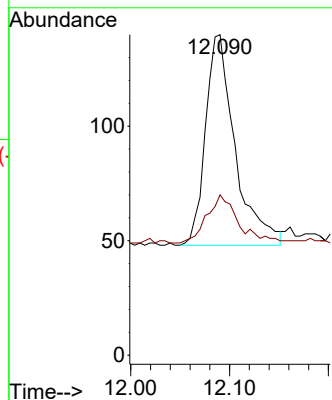
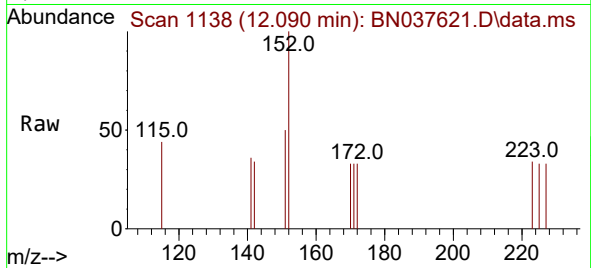




#11
2-Methylnaphthalene-d10
Concen: 0.032 ng
RT: 12.090 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

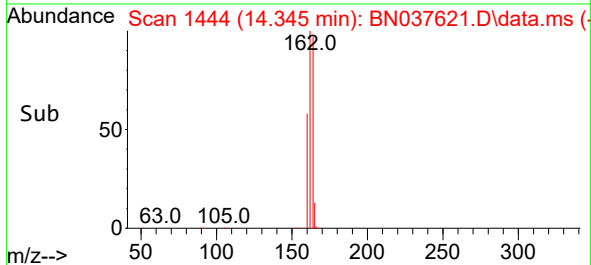
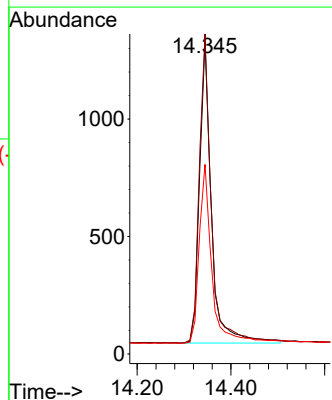
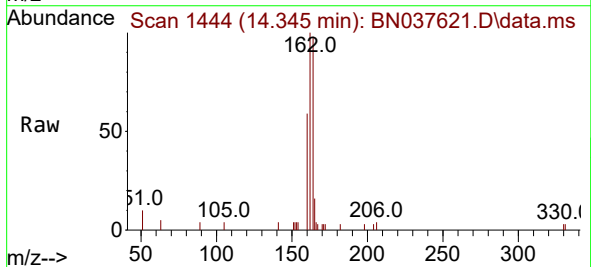
Instrument :
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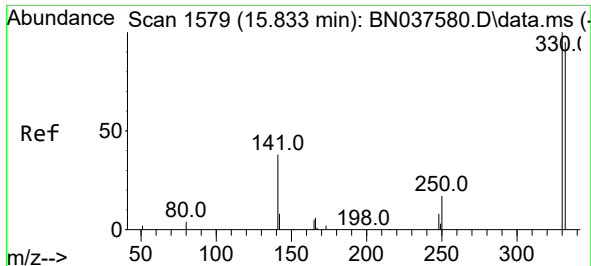
Tgt Ion:152 Resp: 192
Ion Ratio Lower Upper
152 100
151 26.6 17.3 25.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

Tgt Ion:164 Resp: 2275
Ion Ratio Lower Upper
164 100
162 102.5 85.5 128.3
160 60.7 49.5 74.3

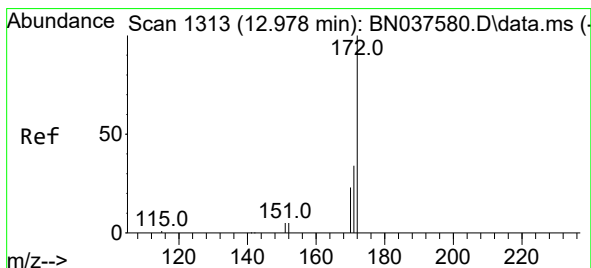
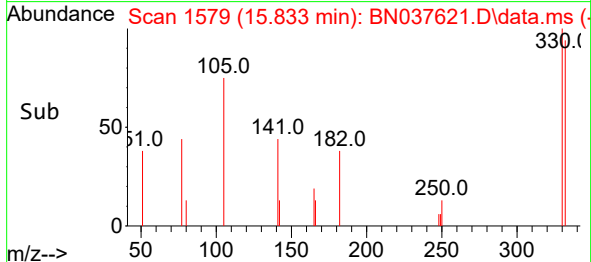
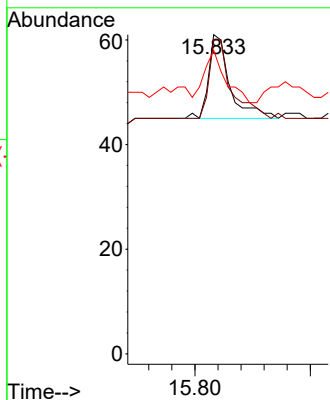
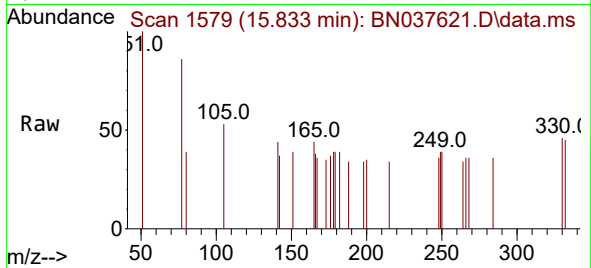




#14
2,4,6-Tribromophenol
Concen: 0.041 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

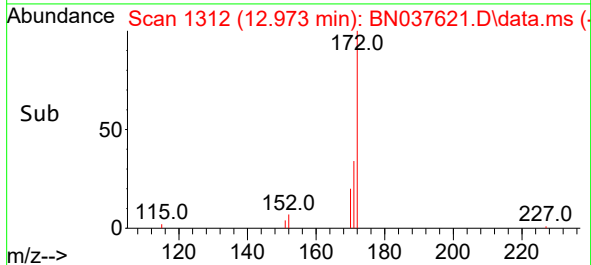
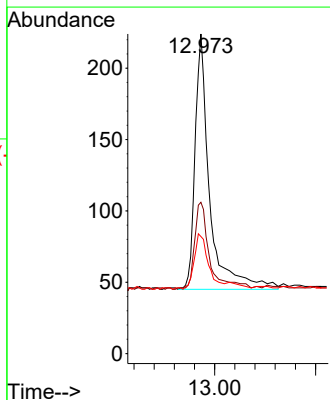
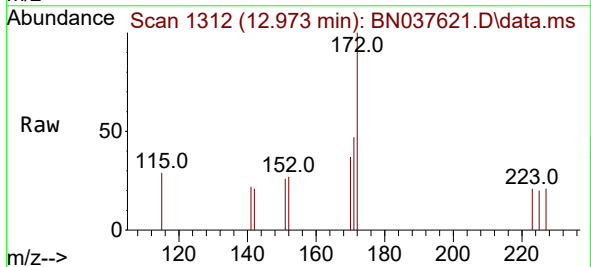
Instrument :
BNA_N
ClientSampleId :
RMW-02B-66.3-08122025DL

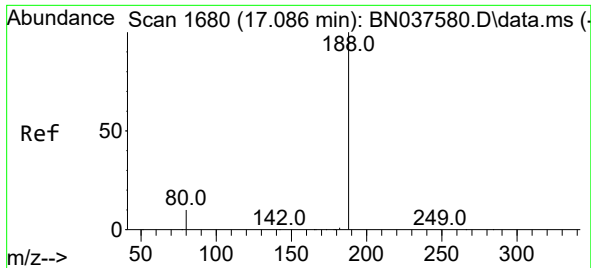
Tgt Ion:330 Resp: 41
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 61.0 30.9 46.3#



#15
2-Fluorobiphenyl
Concen: 0.036 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

Tgt Ion:172 Resp: 478
Ion Ratio Lower Upper
172 100
171 47.3 28.2 42.4#
170 36.6 19.2 28.8#

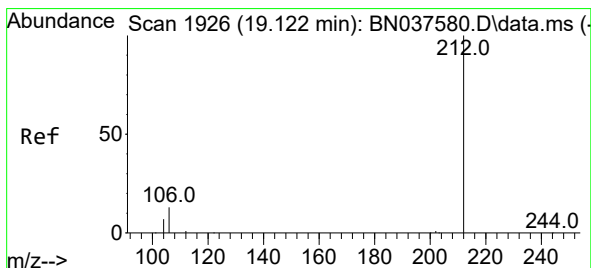
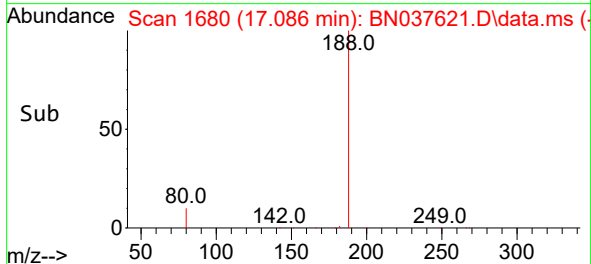
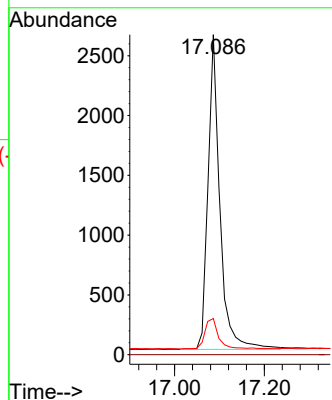
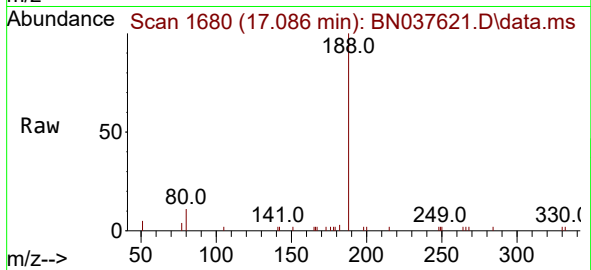




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

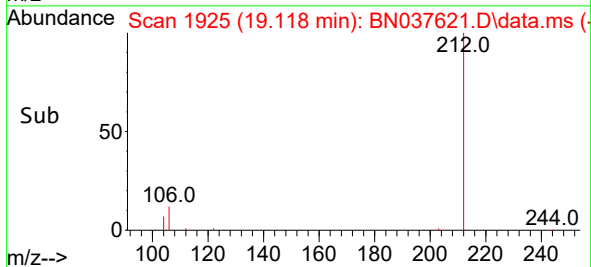
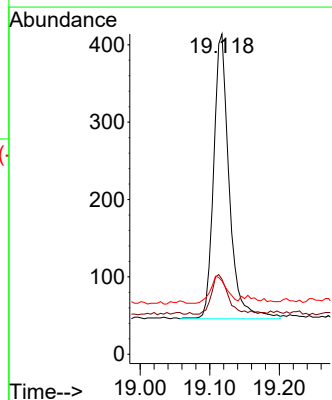
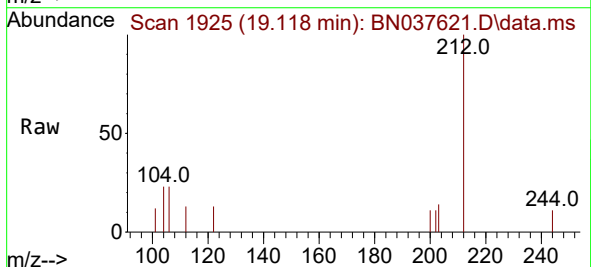
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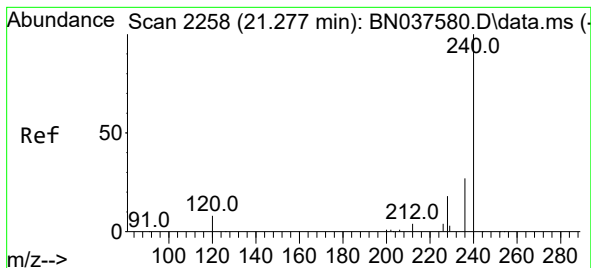
Tgt Ion:188 Resp: 4809
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 9.1 13.7



#27
Fluoranthene-d10
Concen: 0.045 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BN037621.D
Acq: 20 Aug 2025 06:03

Tgt Ion:212 Resp: 570
Ion Ratio Lower Upper
212 100
106 14.0 11.5 17.3
104 9.6 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: BN037621.D

Acq: 20 Aug 2025 06:03

Instrument :

BNA_N

ClientSampleId :

RMW-02B-66.3-08122025DL

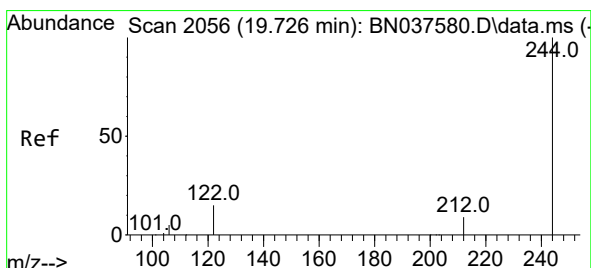
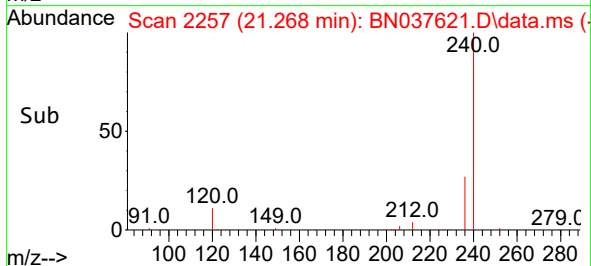
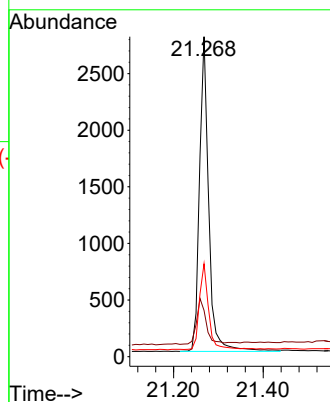
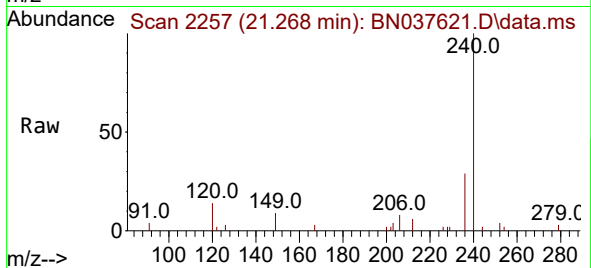
Tgt Ion:240 Resp: 3968

Ion Ratio Lower Upper

240 100

120 14.4 8.9 13.3#

236 29.1 22.6 33.8



#31

Terphenyl-d14

Concen: 0.055 ng

RT: 19.717 min Scan# 2054

Delta R.T. -0.009 min

Lab File: BN037621.D

Acq: 20 Aug 2025 06:03

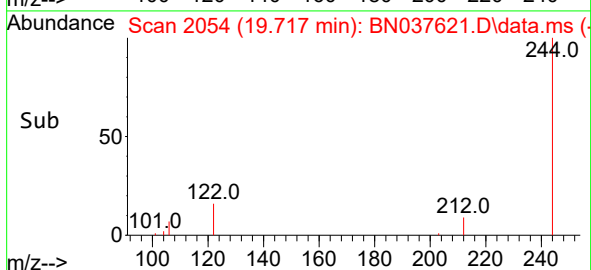
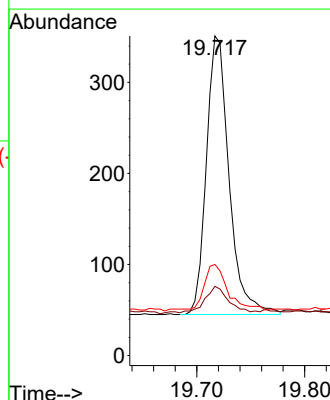
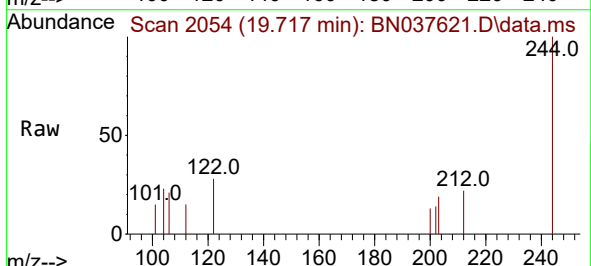
Tgt Ion:244 Resp: 449

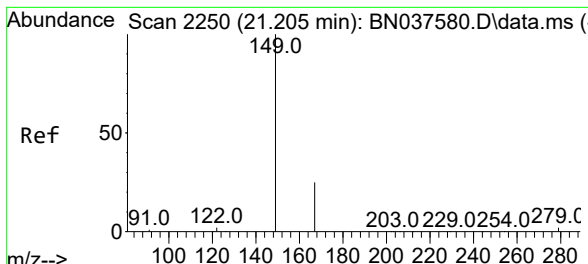
Ion Ratio Lower Upper

244 100

212 21.7 8.2 12.2#

122 28.5 13.2 19.8#

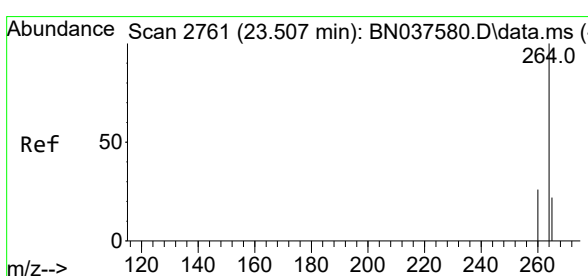
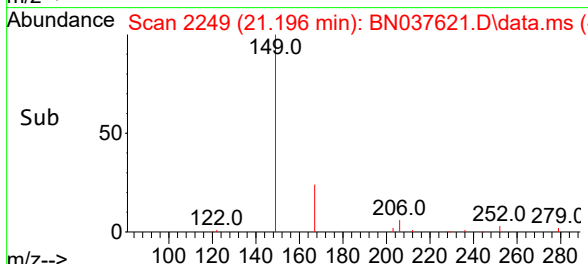
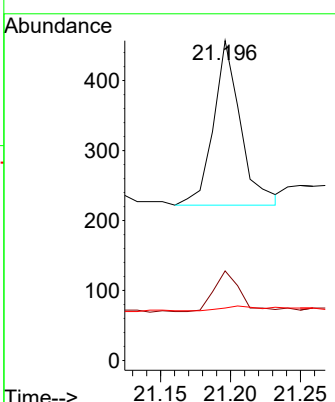
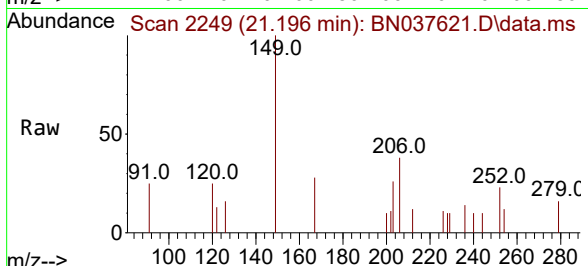




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.009 min
 Lab File: BN037621.D
 Acq: 20 Aug 2025 06:03

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

Tgt Ion:	149	Resp:	315
Ion Ratio	Lower	Upper	
149	100		
167	23.5	20.5	30.7
279	3.5	2.6	4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.501 min Scan# 2759
 Delta R.T. -0.006 min
 Lab File: BN037621.D
 Acq: 20 Aug 2025 06:03

Tgt Ion:	264	Resp:	3640
Ion Ratio	Lower	Upper	
264	100		
260	27.0	21.6	32.4
265	84.0	48.2	72.4

