

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
 Data File : BN037329.D
 Acq On : 19 Jun 2025 01:04
 Operator : RC/JU
 Sample : Q2329-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20250612

Quant Time: Jun 19 04:05:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 18 18:40:16 2025
 Response via : Initial Calibration

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

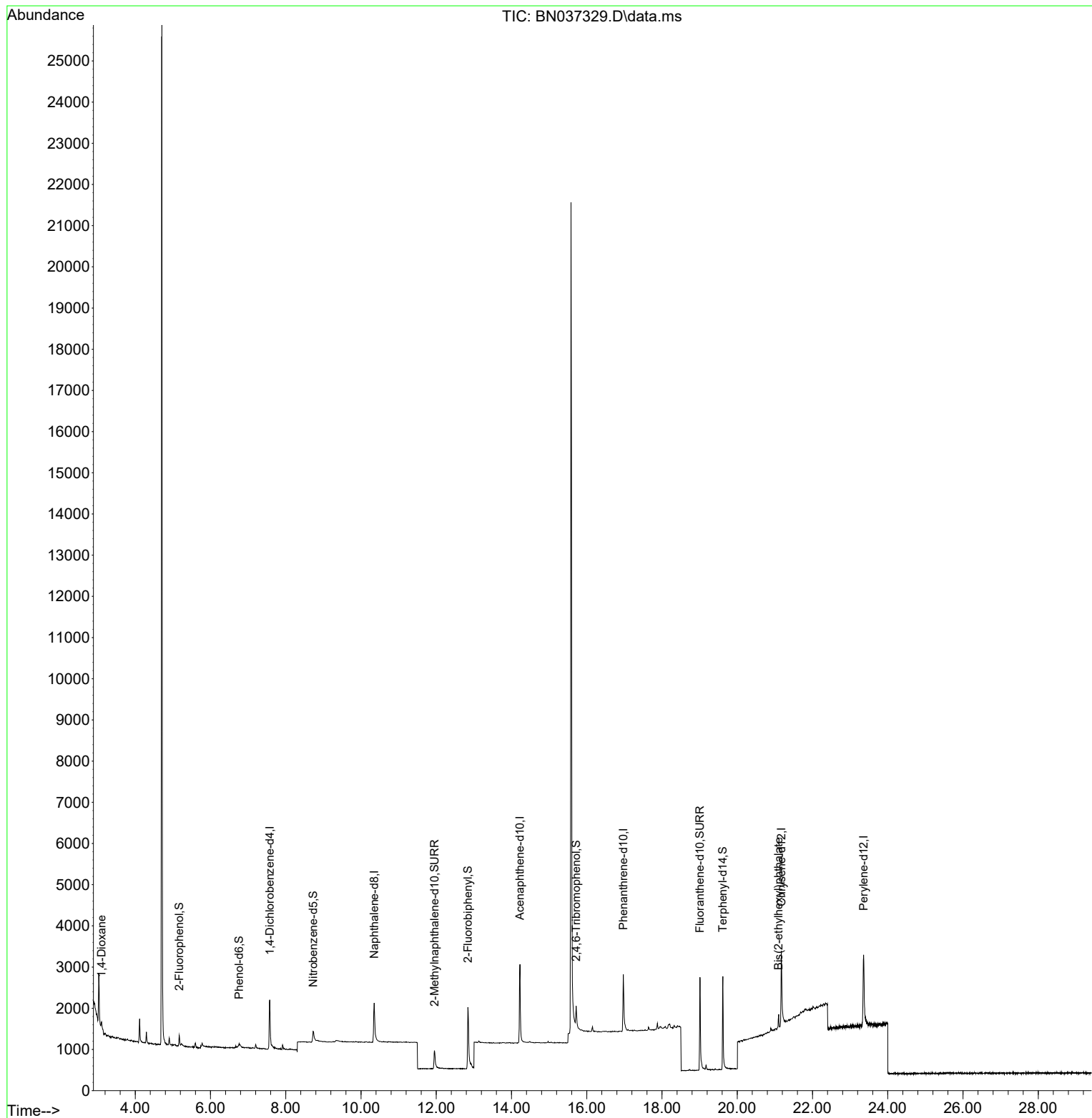
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	805	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	1809	0.400	ng	0.00
13) Acenaphthene-d10	14.224	164	1315	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2637	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2639	0.400	ng	0.00
35) Perylene-d12	23.357	264	2745	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	211	0.144	ng	0.00
5) Phenol-d6	6.759	99	125	0.087	ng	0.00
8) Nitrobenzene-d5	8.728	82	436	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	1003	0.341	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	353	0.364	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	1933	0.335	ng	0.00
27) Fluoranthene-d10	19.008	212	3456	0.413	ng	0.00
31) Terphenyl-d14	19.616	244	2888	0.477	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	179	0.249	ng	# 2
34) Bis(2-ethylhexyl)phtha...	21.099	149	311	0.089	ng	# 95

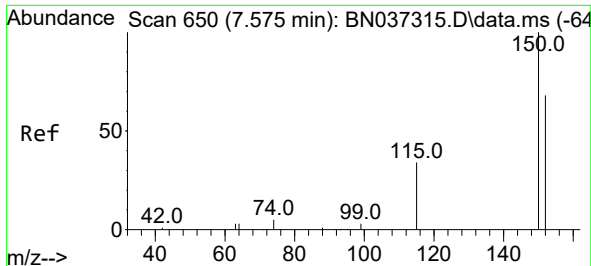
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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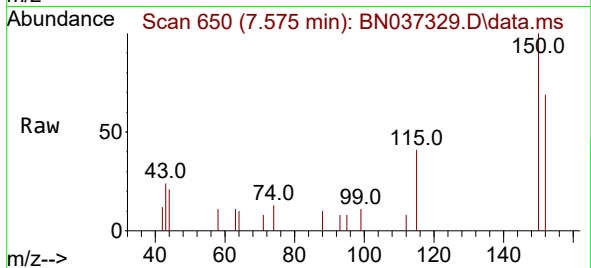
Quant Time: Jun 19 04:05:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
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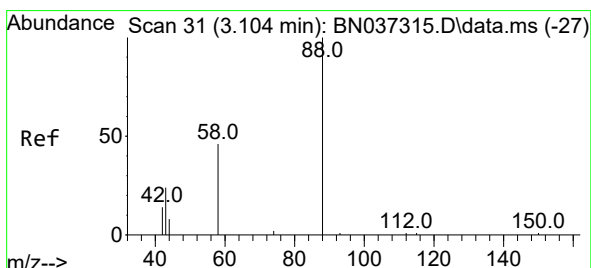
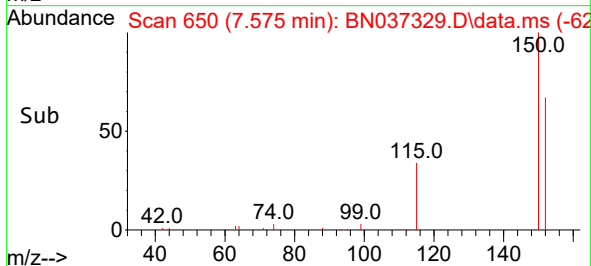
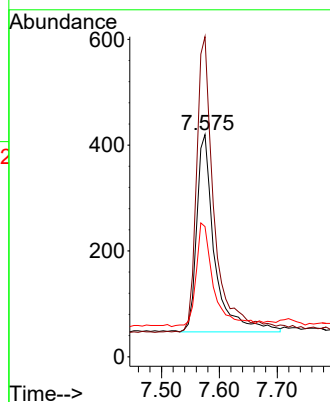


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037329.D
 Acq: 19 Jun 2025 01:04

Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20250612

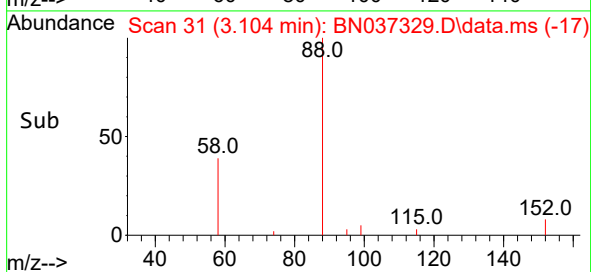
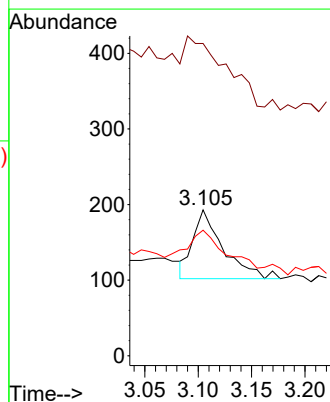
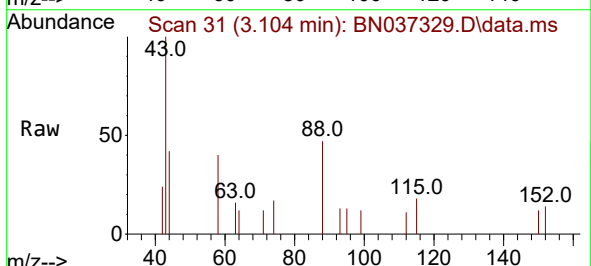


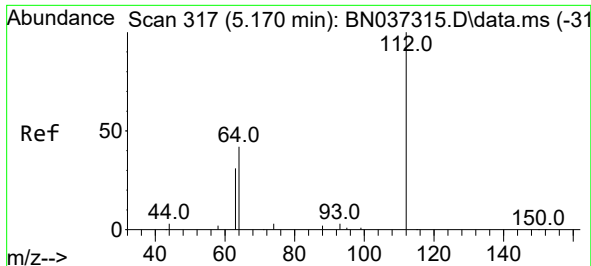
Tgt Ion:152 Resp: 805
 Ion Ratio Lower Upper
 152 100
 150 144.0 112.7 169.1
 115 58.6 45.9 68.9



#2
 1,4-Dioxane
 Concen: 0.249 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037329.D
 Acq: 19 Jun 2025 01:04

Tgt Ion: 88 Resp: 179
 Ion Ratio Lower Upper
 88 100
 43 135.2 21.0 31.6#
 58 70.4 38.0 57.0#

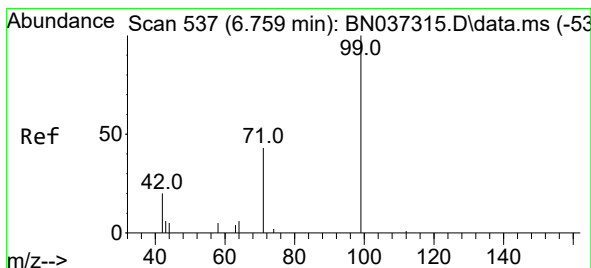
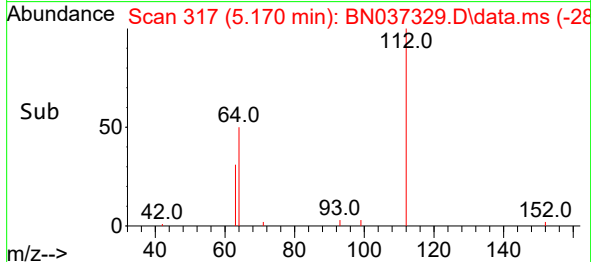
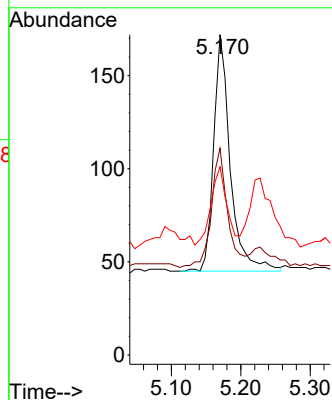
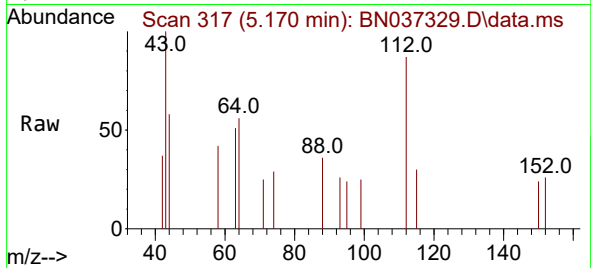




#4
2-Fluorophenol
Concen: 0.144 ng
RT: 5.170 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

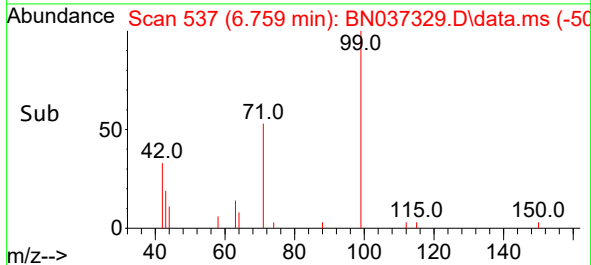
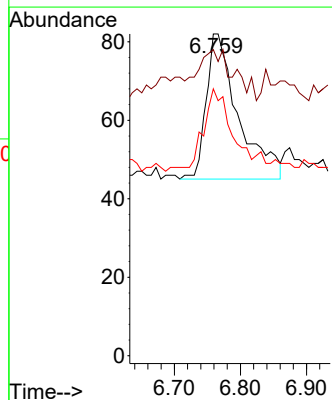
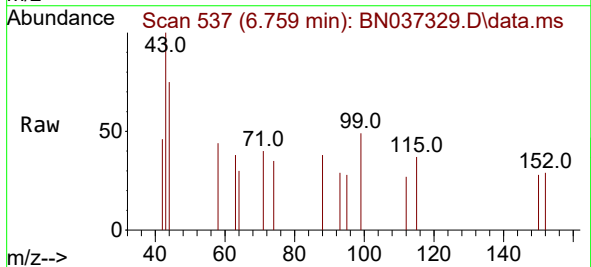
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250612

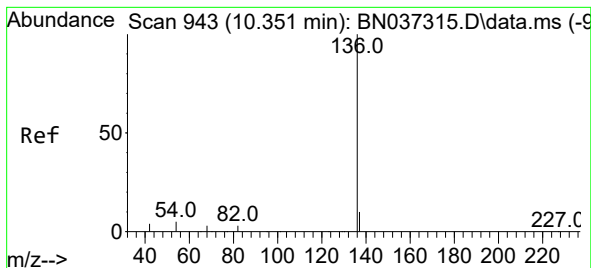
Tgt Ion:	112	Resp:	211
Ion Ratio	Lower	Upper	
112	100		
64	49.3	38.7	58.1
63	31.8	26.4	39.6



#5
Phenol-d6
Concen: 0.087 ng
RT: 6.759 min Scan# 537
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

Tgt Ion:	99	Resp:	125
Ion Ratio	Lower	Upper	
99	100		
42	35.2	19.8	29.8#
71	49.6	42.6	64.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.351 min Scan# 943

Delta R.T. 0.000 min

Lab File: BN037329.D

Acq: 19 Jun 2025 01:04

Instrument :

BNA_N

ClientSampleId :

TT188S1-20250612

Tgt Ion:136 Resp: 1809

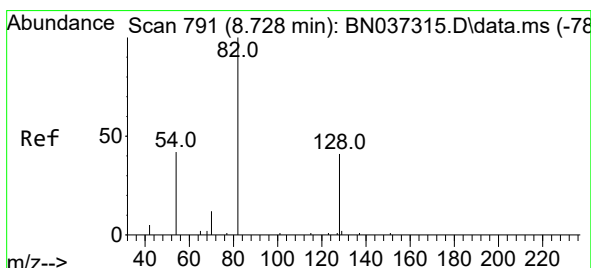
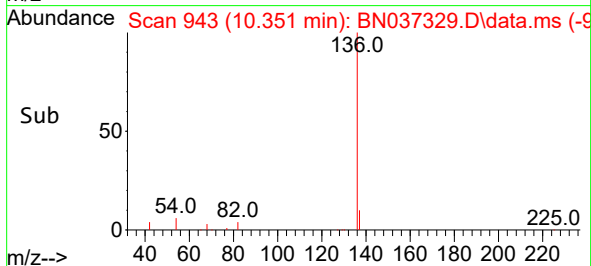
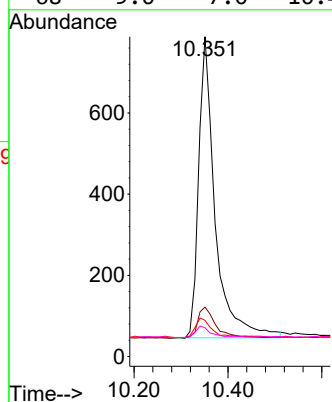
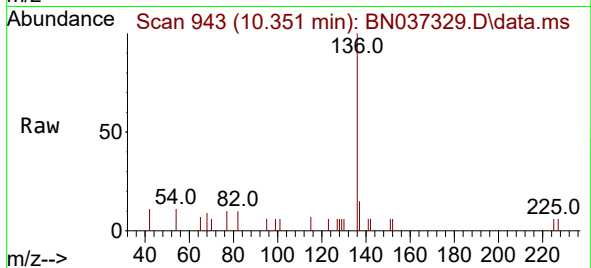
Ion Ratio Lower Upper

136 100

137 15.5 12.2 18.2

54 11.3 8.8 13.2

68 9.0 7.0 10.4



#8

Nitrobenzene-d5

Concen: 0.289 ng

RT: 8.728 min Scan# 791

Delta R.T. 0.000 min

Lab File: BN037329.D

Acq: 19 Jun 2025 01:04

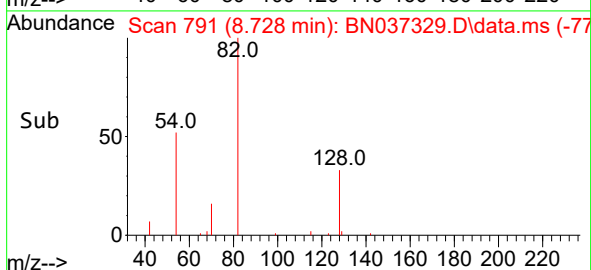
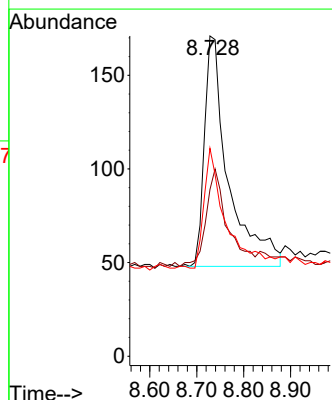
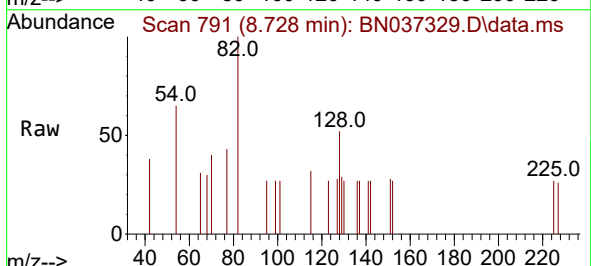
Tgt Ion: 82 Resp: 436

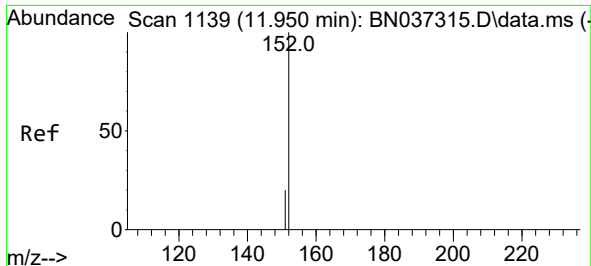
Ion Ratio Lower Upper

82 100

128 52.0 42.5 63.7

54 64.9 43.2 64.8#

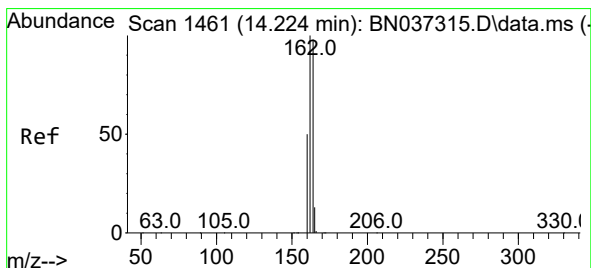
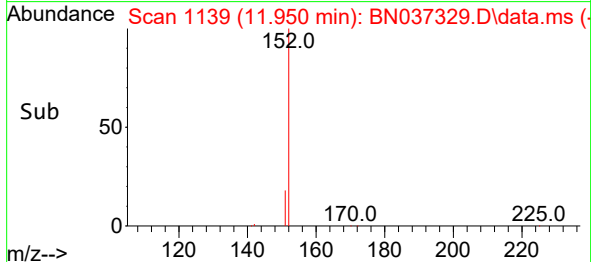
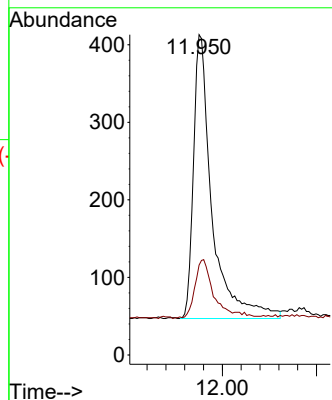
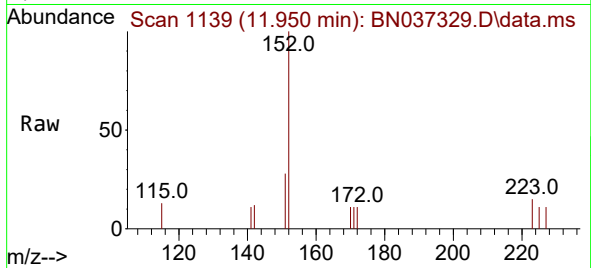




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 11.950 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

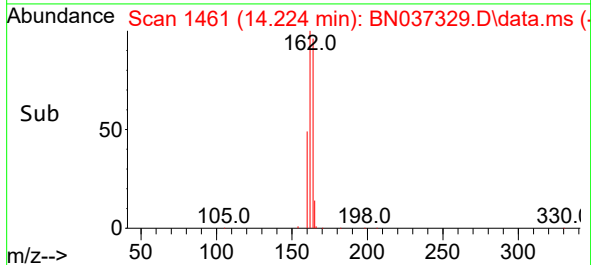
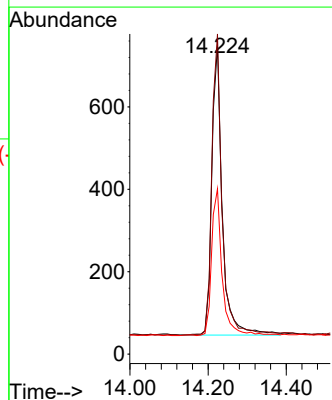
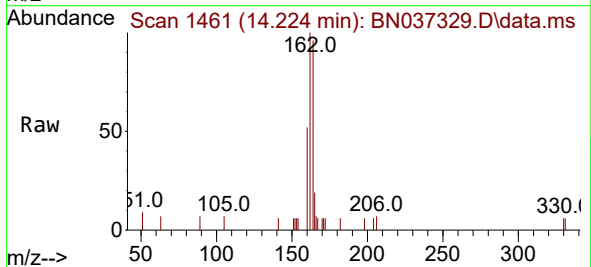
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250612

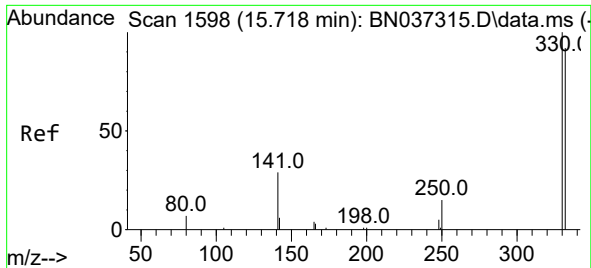
Tgt Ion:152 Resp: 1003
Ion Ratio Lower Upper
152 100
151 20.2 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

Tgt Ion:164 Resp: 1315
Ion Ratio Lower Upper
164 100
162 103.7 81.5 122.3
160 53.5 43.0 64.4

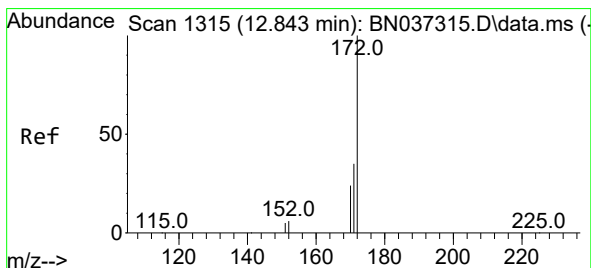
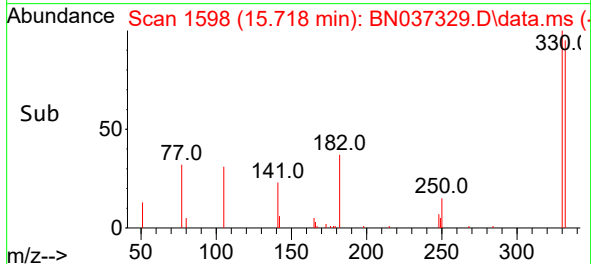
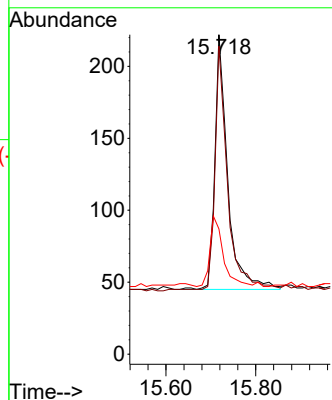
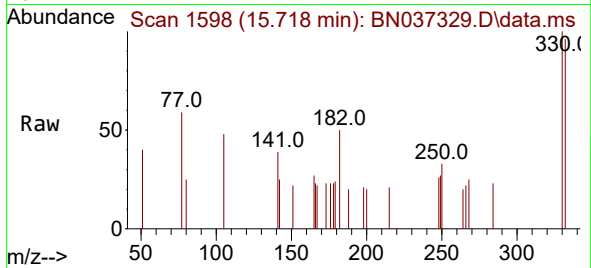




#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.718 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

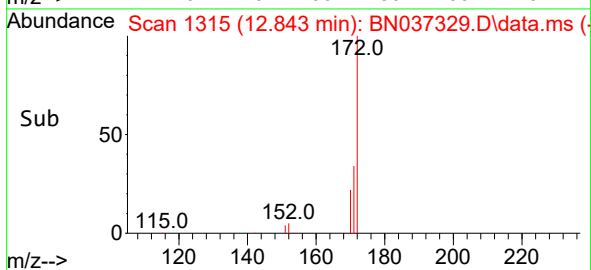
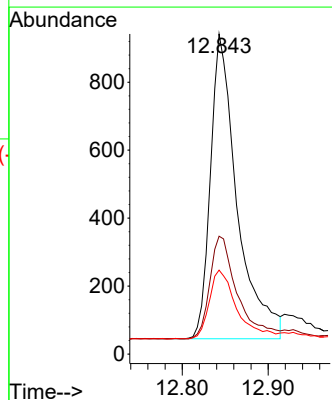
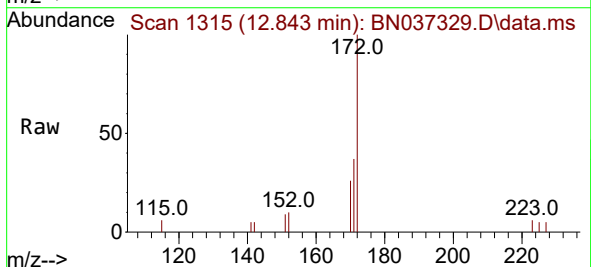
Instrument :
BNA_N
ClientSampleId :
TT188S1-20250612

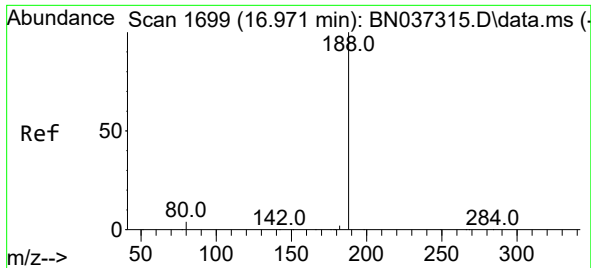
Tgt Ion: 330 Resp: 353
Ion Ratio Lower Upper
330 100
332 91.5 78.4 117.6
141 29.2 24.4 36.6



#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 12.843 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

Tgt Ion: 172 Resp: 1933
Ion Ratio Lower Upper
172 100
171 36.8 30.8 46.2
170 26.2 21.9 32.9

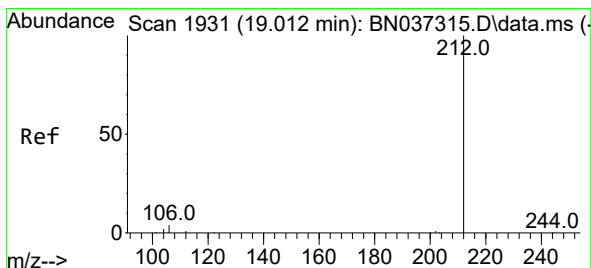
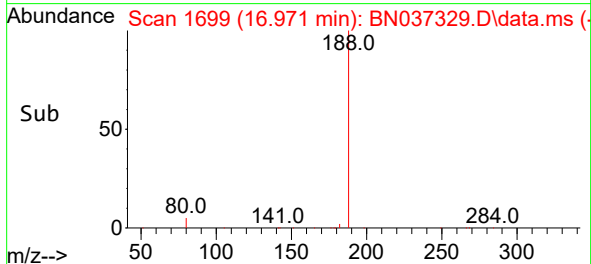
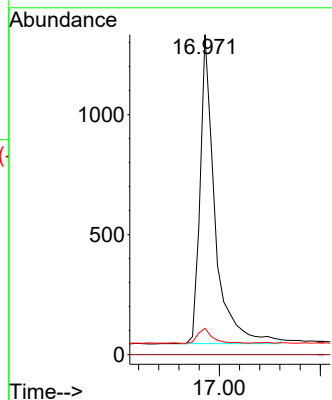
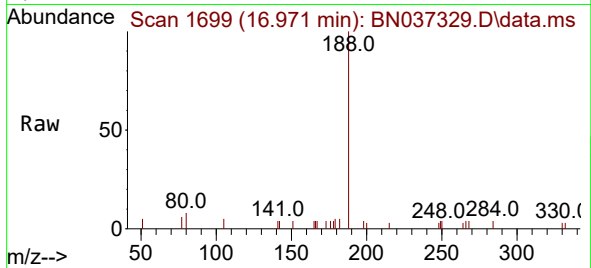




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

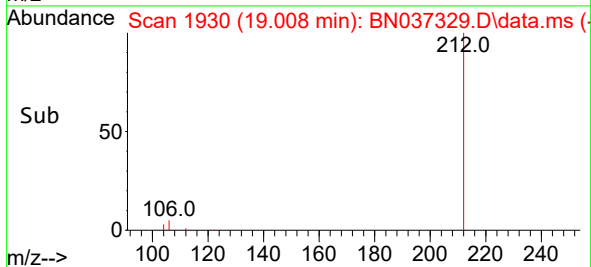
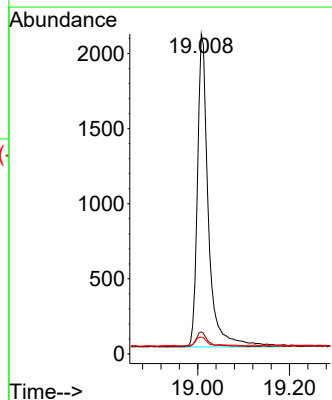
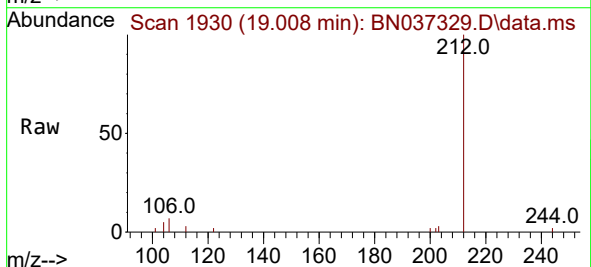
Instrument :
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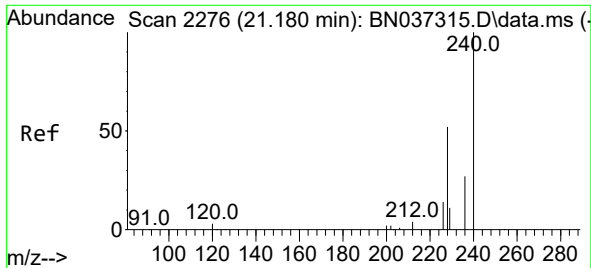
Tgt Ion:188 Resp: 2637
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.2 9.2



#27
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.008 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

Tgt Ion:212 Resp: 3456
Ion Ratio Lower Upper
212 100
106 5.0 3.0 4.4#
104 2.8 2.0 3.0

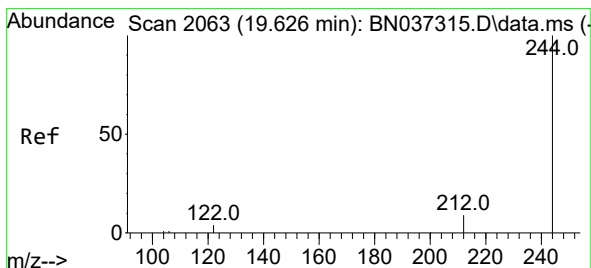
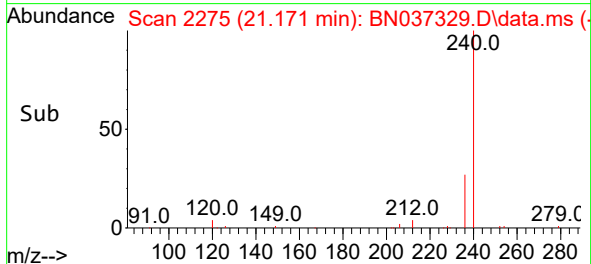
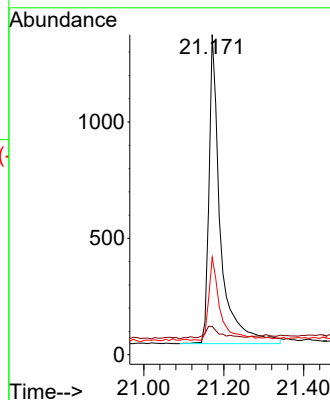
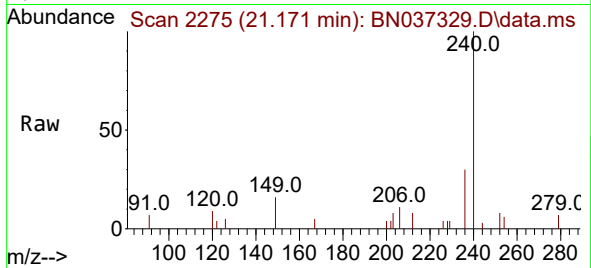




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 211
Delta R.T. -0.009 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

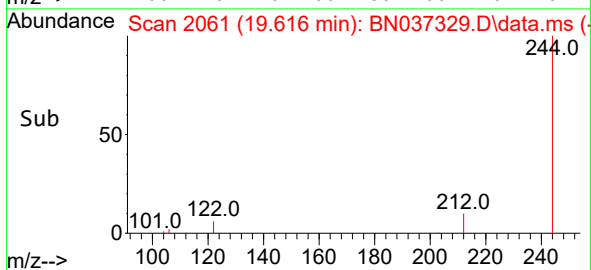
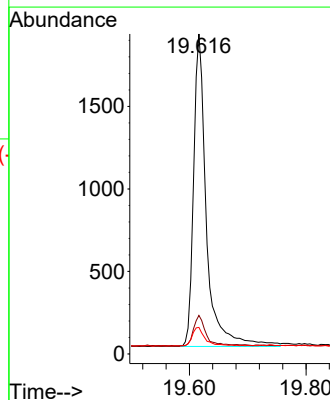
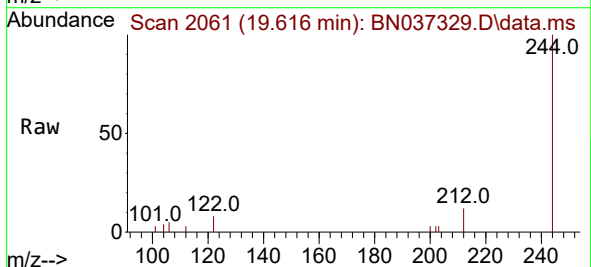
Instrument :
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TT188S1-20250612

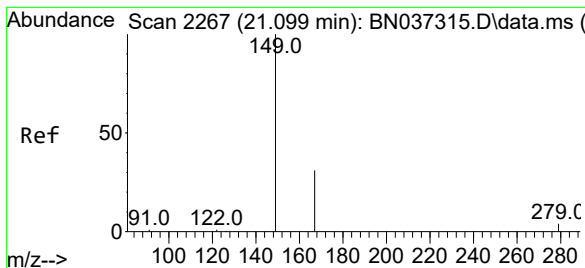
Tgt Ion:240 Resp: 2639
Ion Ratio Lower Upper
240 100
120 8.9 7.5 11.3
236 30.5 24.9 37.3



#31
Terphenyl-d14
Concen: 0.477 ng
RT: 19.616 min Scan# 2061
Delta R.T. -0.009 min
Lab File: BN037329.D
Acq: 19 Jun 2025 01:04

Tgt Ion:244 Resp: 2888
Ion Ratio Lower Upper
244 100
212 12.1 11.1 16.7
122 8.3 7.2 10.8

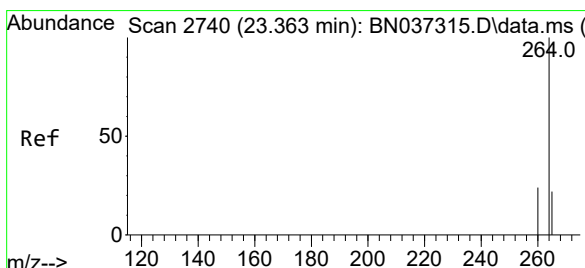
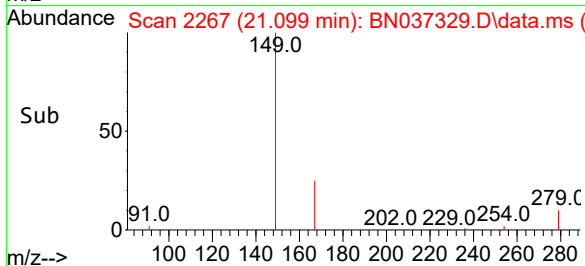
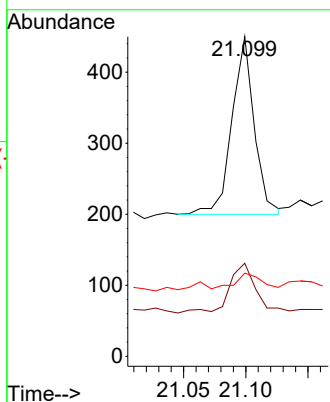
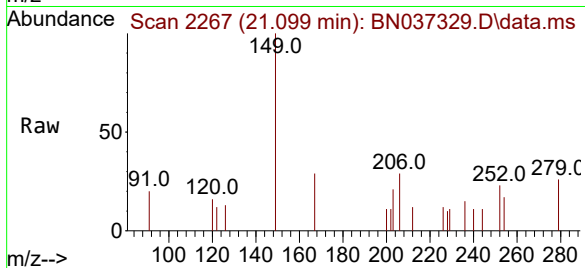




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.089 ng
 RT: 21.099 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037329.D
 Acq: 19 Jun 2025 01:04

Instrument :
 BNA_N
 ClientSampleId :
 TT188S1-20250612

Tgt Ion:149 Resp: 311
 Ion Ratio Lower Upper
 149 100
 167 33.4 24.6 37.0
 279 10.0 6.5 9.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.357 min Scan# 2738
 Delta R.T. -0.006 min
 Lab File: BN037329.D
 Acq: 19 Jun 2025 01:04

Tgt Ion:264 Resp: 2745
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.4 32.2
 265 92.2 71.4 107.0

