

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037250.D
 Acq On : 14 Jun 2025 05:57
 Operator : RC/JU
 Sample : Q2299-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20250609

Quant Time: Jun 16 04:51:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

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

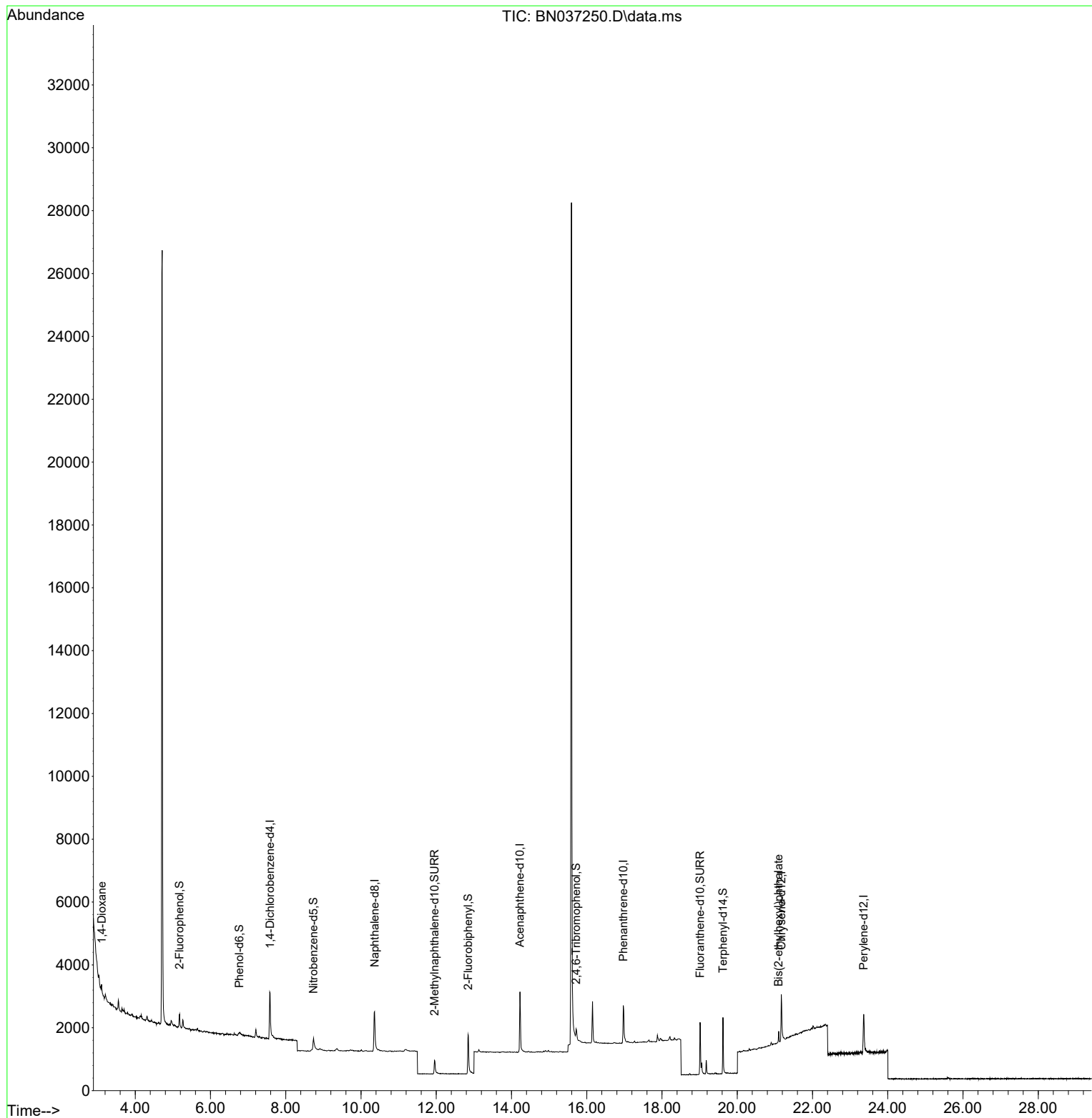
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	913	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	2259	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1194	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2140	0.400	ng	0.00
29) Chrysene-d12	21.171	240	1781	0.400	ng	# 0.00
35) Perylene-d12	23.360	264	1845	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	306	0.136	ng	0.00
5) Phenol-d6	6.766	99	130	0.055	ng	0.00
8) Nitrobenzene-d5	8.739	82	562	0.252	ng	0.01
11) 2-Methylnaphthalene-d10	11.955	152	850	0.280	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	185	0.373	ng	-0.01
15) 2-Fluorobiphenyl	12.848	172	1402	0.279	ng	0.00
27) Fluoranthene-d10	19.012	212	2125	0.380	ng	0.00
31) Terphenyl-d14	19.621	244	1816	0.451	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.112	88	106	0.085	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.099	149	401	0.090	ng	# 89

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

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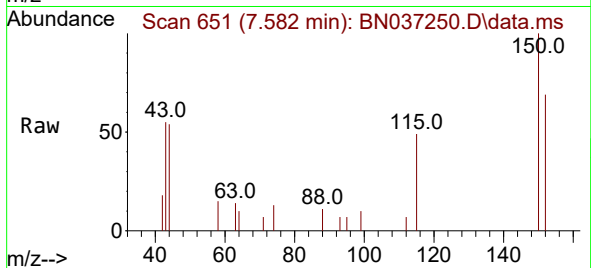
Quant Time: Jun 16 04:51:37 2025
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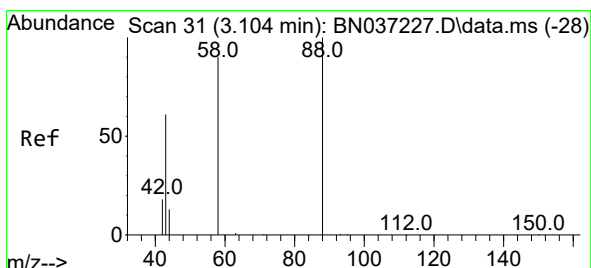
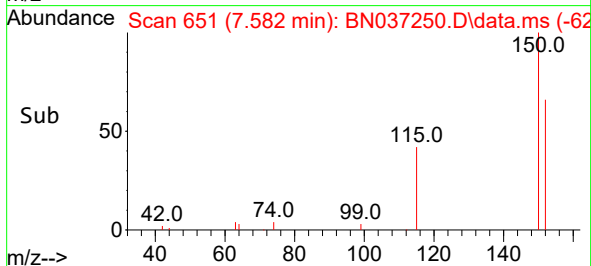
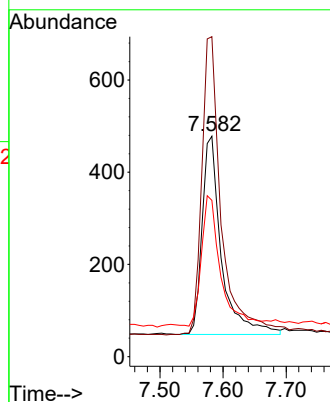


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.582 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN037250.D
 Acq: 14 Jun 2025 05:57

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20250609

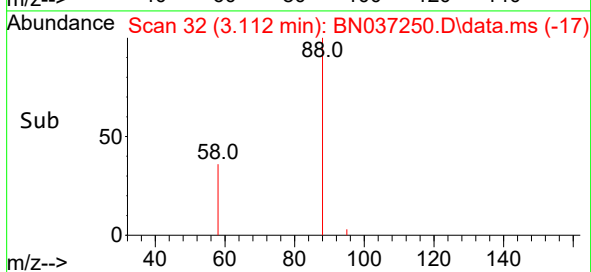
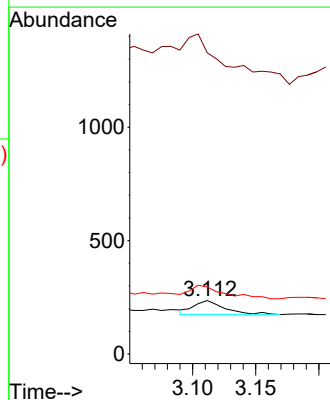
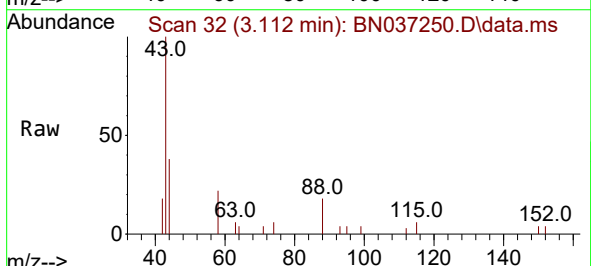


Tgt Ion:152 Resp: 913
 Ion Ratio Lower Upper
 152 100
 150 145.2 125.2 187.8
 115 70.9 58.4 87.6



#2
 1,4-Dioxane
 Concen: 0.085 ng
 RT: 3.112 min Scan# 32
 Delta R.T. 0.007 min
 Lab File: BN037250.D
 Acq: 14 Jun 2025 05:57

Tgt Ion: 88 Resp: 106
 Ion Ratio Lower Upper
 88 100
 43 461.3 52.6 79.0#
 58 100.9 73.5 110.3

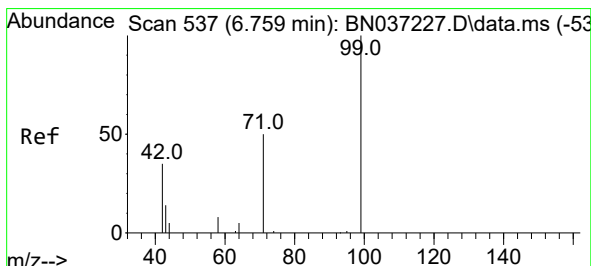
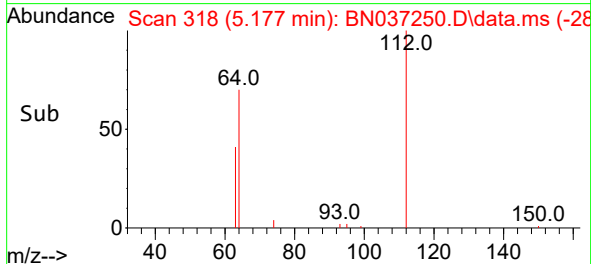
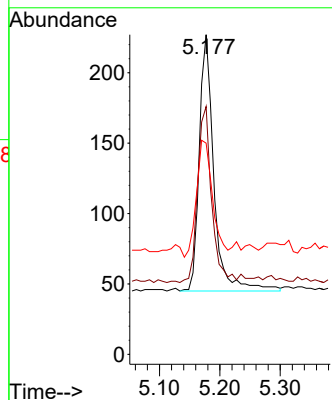
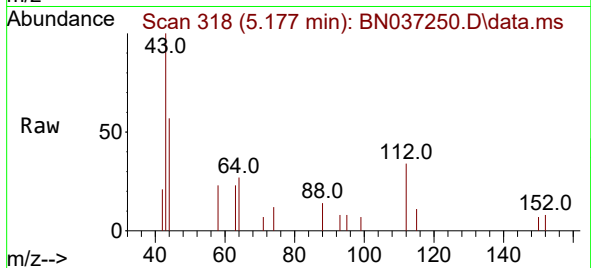




#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037250.D
Acq: 14 Jun 2025 05:57

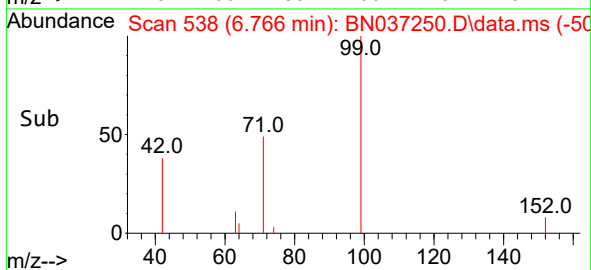
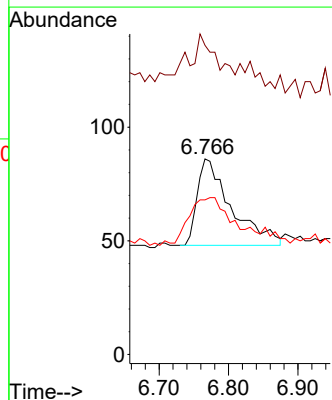
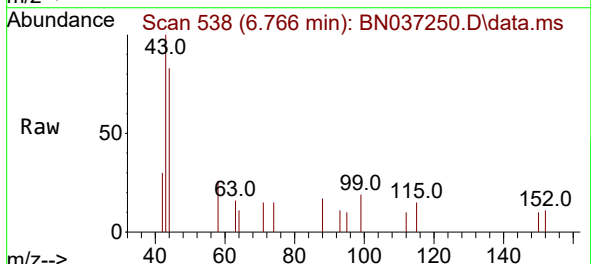
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20250609

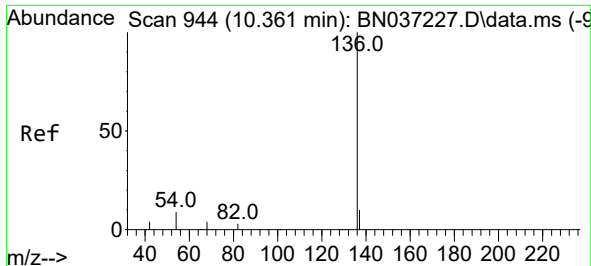
Tgt Ion:112 Resp: 306
Ion Ratio Lower Upper
112 100
64 66.0 57.2 85.8
63 50.0 39.8 59.6



#5
Phenol-d6
Concen: 0.055 ng
RT: 6.766 min Scan# 538
Delta R.T. 0.007 min
Lab File: BN037250.D
Acq: 14 Jun 2025 05:57

Tgt Ion: 99 Resp: 130
Ion Ratio Lower Upper
99 100
42 23.8 36.2 54.4#
71 72.3 42.4 63.6#

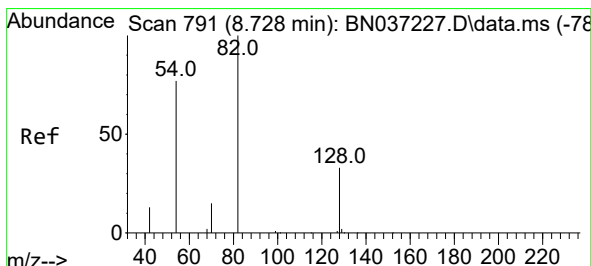
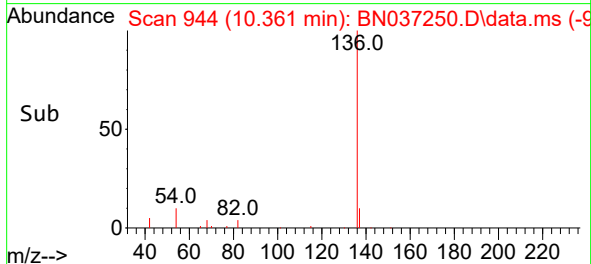
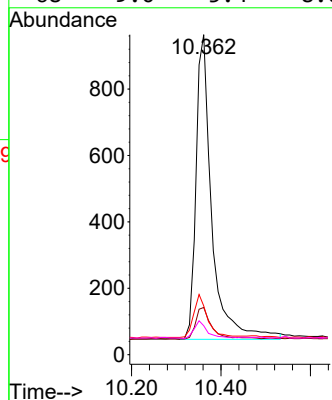
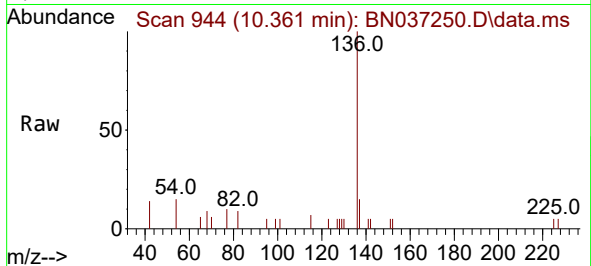




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.361 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN037250.D
Acq: 14 Jun 2025 05:57

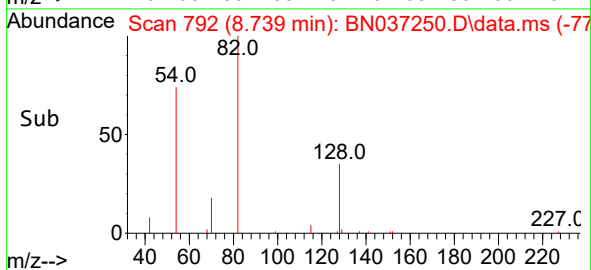
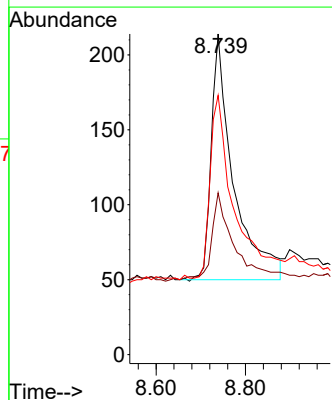
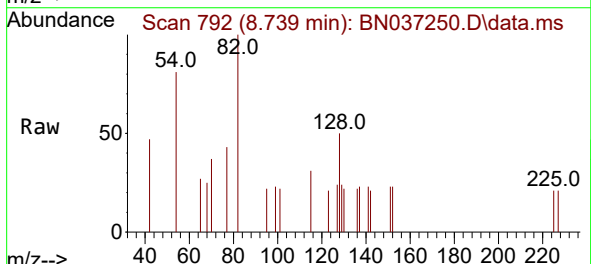
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20250609

Tgt Ion:	136	Resp:	2259
Ion	Ratio	Lower	Upper
136	100		
137	14.7	10.6	15.8
54	15.2	9.2	13.8#
68	9.0	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.011 min
Lab File: BN037250.D
Acq: 14 Jun 2025 05:57

Tgt Ion:	82	Resp:	562
Ion	Ratio	Lower	Upper
82	100		
128	50.5	31.2	46.8#
54	80.8	63.3	94.9

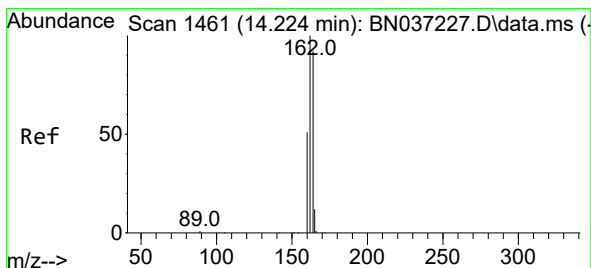
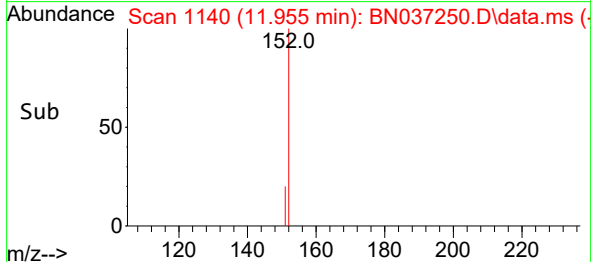
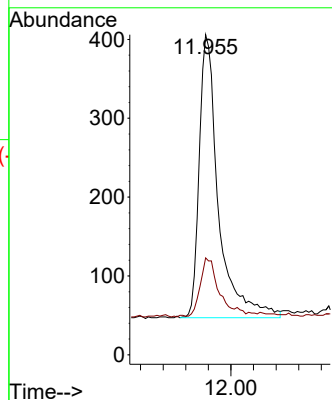
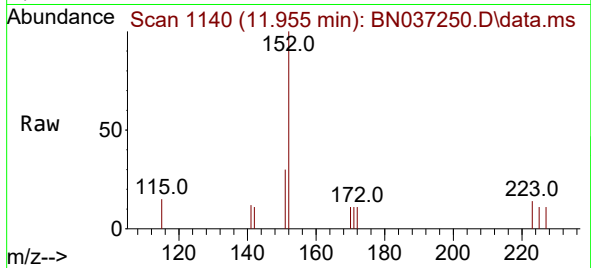




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037250.D
Acq: 14 Jun 2025 05:57

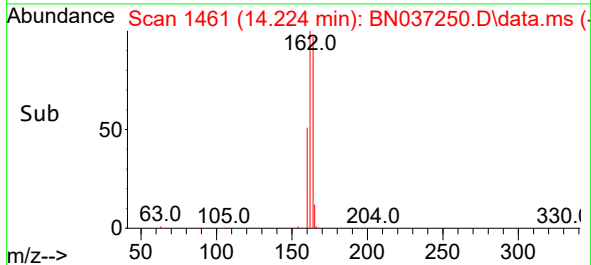
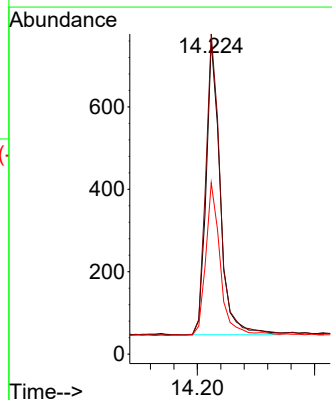
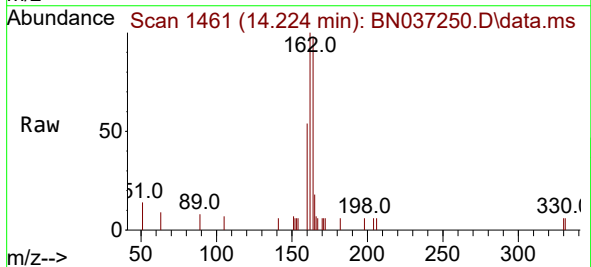
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20250609

Tgt Ion:152 Resp: 850
Ion Ratio Lower Upper
152 100
151 20.5 17.9 26.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037250.D
Acq: 14 Jun 2025 05:57

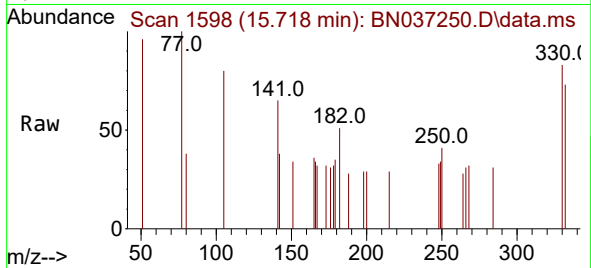
Tgt Ion:164 Resp: 1194
Ion Ratio Lower Upper
164 100
162 102.4 86.7 130.1
160 54.8 45.8 68.6



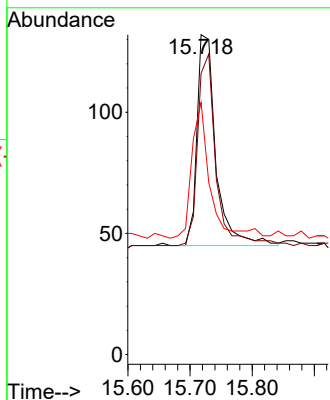
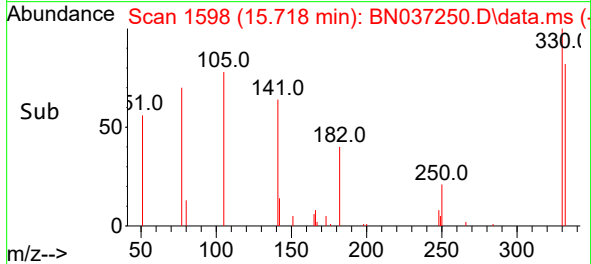


#14
2,4,6-Tribromophenol
Concen: 0.373 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BN037250.D
Acq: 14 Jun 2025 05:57

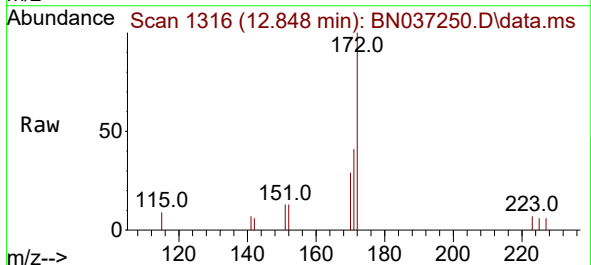
Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20250609



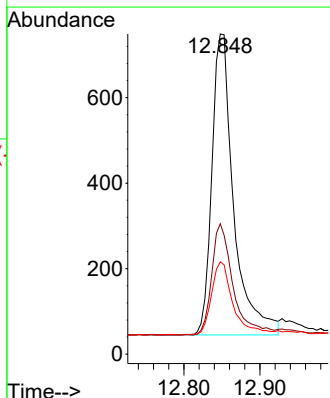
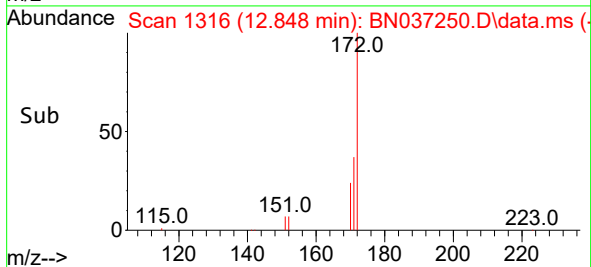
Tgt Ion:330 Resp: 185
Ion Ratio Lower Upper
330 100
332 87.6 74.9 112.3
141 62.2 45.1 67.7

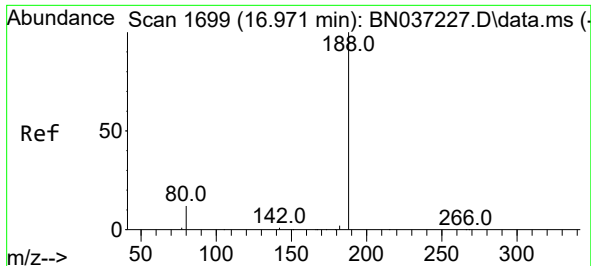


#15
2-Fluorobiphenyl
Concen: 0.279 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037250.D
Acq: 14 Jun 2025 05:57



Tgt Ion:172 Resp: 1402
Ion Ratio Lower Upper
172 100
171 40.7 29.8 44.8
170 28.8 21.1 31.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1699

Delta R.T. 0.000 min

Lab File: BN037250.D

Acq: 14 Jun 2025 05:57

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20250609

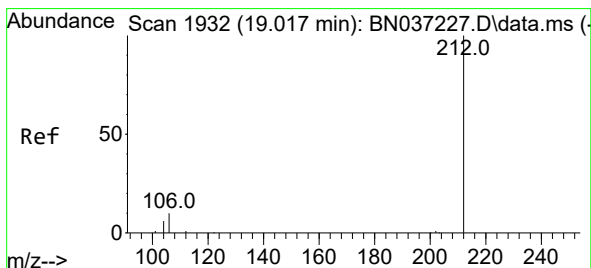
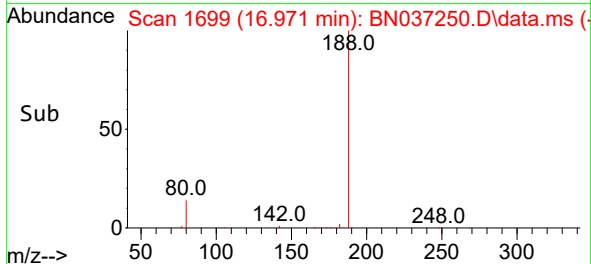
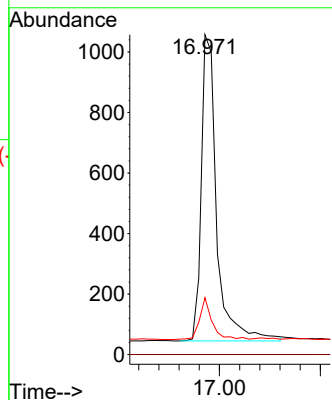
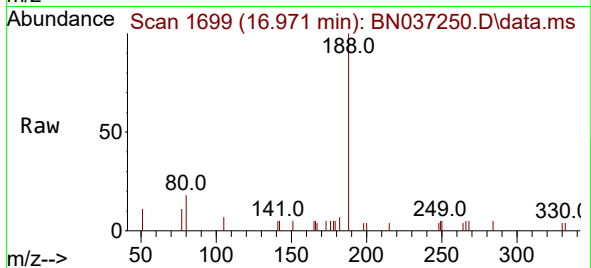
Tgt Ion:188 Resp: 2140

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.8 12.2 18.4



#27

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.012 min Scan# 1931

Delta R.T. -0.005 min

Lab File: BN037250.D

Acq: 14 Jun 2025 05:57

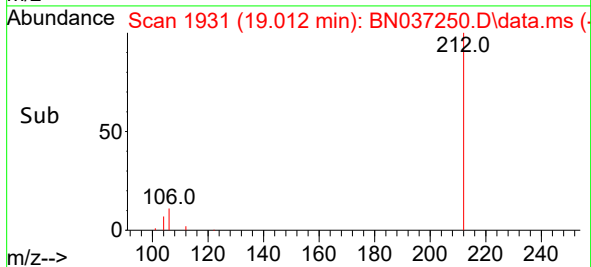
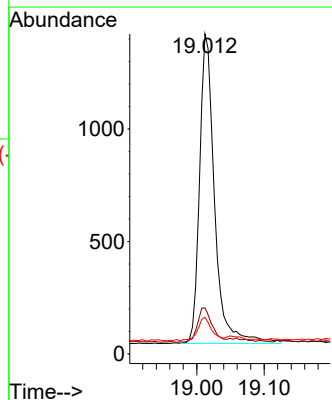
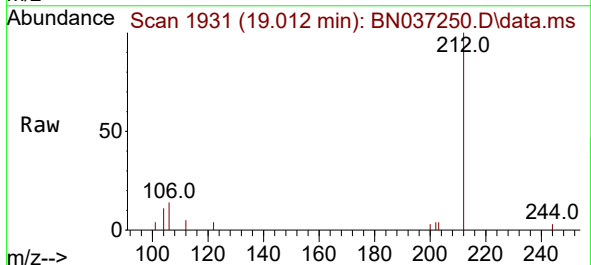
Tgt Ion:212 Resp: 2125

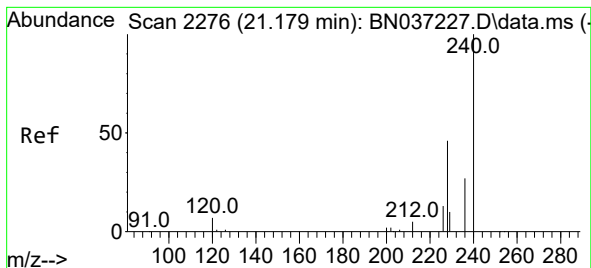
Ion Ratio Lower Upper

212 100

106 10.9 9.3 13.9

104 7.1 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037250.D

Acq: 14 Jun 2025 05:57

Instrument :

BNA_N

ClientSampleId :

RW10-MW01S-20250609

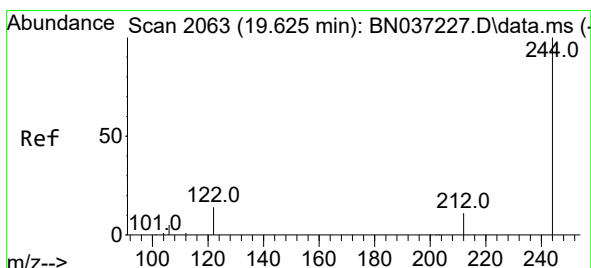
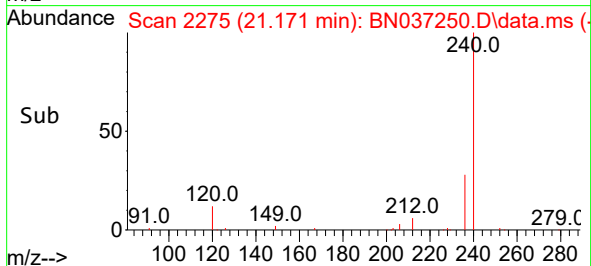
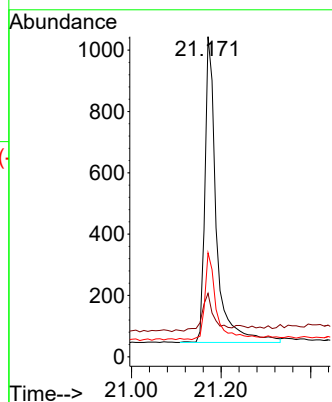
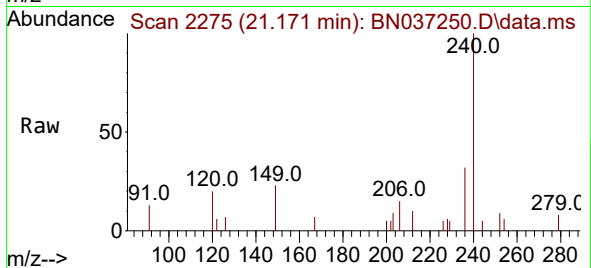
Tgt Ion:240 Resp: 1781

Ion Ratio Lower Upper

240 100

120 19.8 11.3 16.9#

236 32.5 24.4 36.6



#31

Terphenyl-d14

Concen: 0.451 ng

RT: 19.621 min Scan# 2062

Delta R.T. -0.005 min

Lab File: BN037250.D

Acq: 14 Jun 2025 05:57

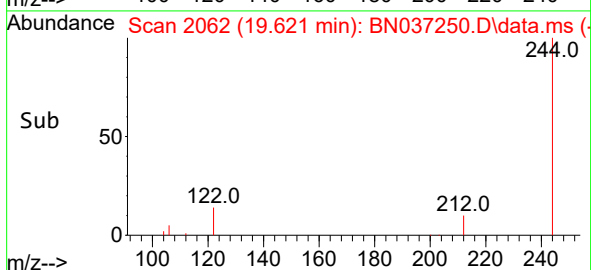
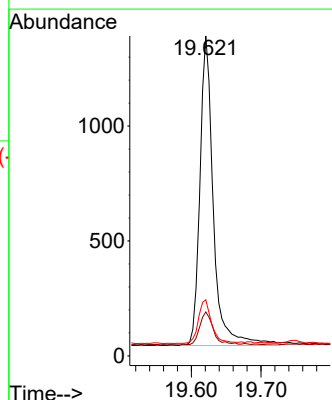
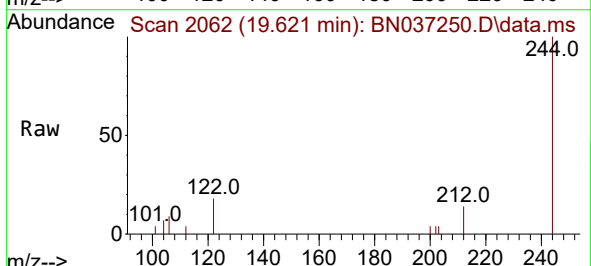
Tgt Ion:244 Resp: 1816

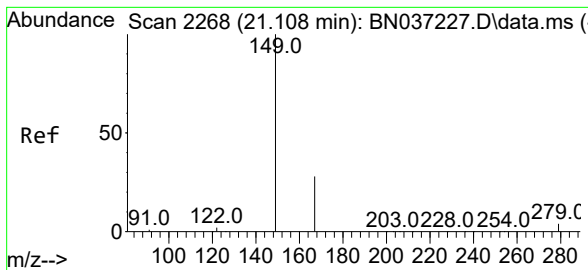
Ion Ratio Lower Upper

244 100

212 13.7 12.2 18.2

122 17.5 14.3 21.5

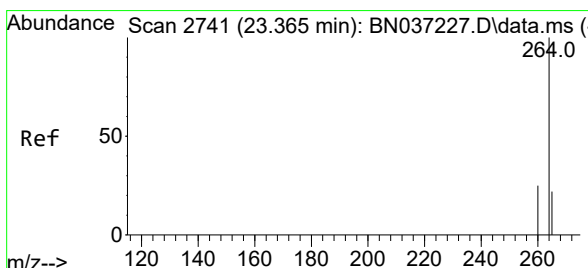
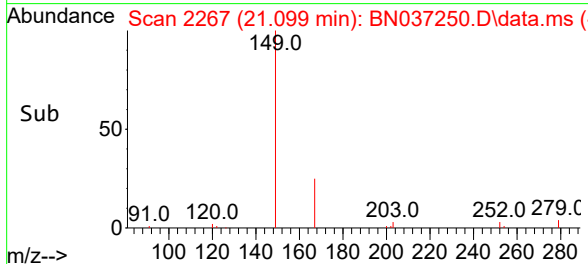
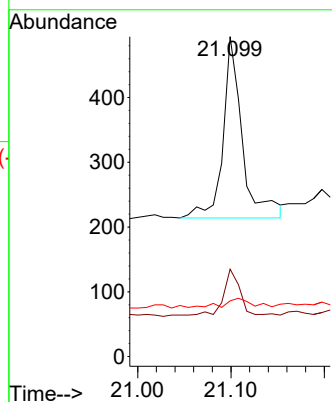
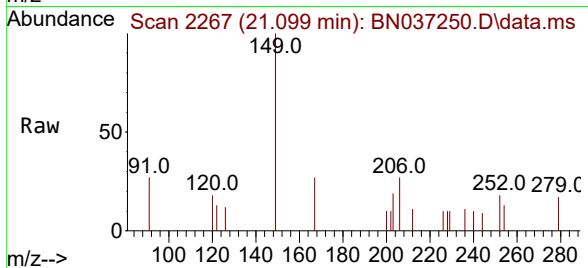




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.090 ng
 RT: 21.099 min Scan# 2109
 Delta R.T. -0.009 min
 Lab File: BN037250.D
 Acq: 14 Jun 2025 05:57

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01S-20250609

Tgt Ion:149 Resp: 401
 Ion Ratio Lower Upper
 149 100
 167 20.4 21.3 31.9#
 279 6.7 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.360 min Scan# 2739
 Delta R.T. -0.006 min
 Lab File: BN037250.D
 Acq: 14 Jun 2025 05:57

Tgt Ion:264 Resp: 1845
 Ion Ratio Lower Upper
 264 100
 260 28.5 22.8 34.2
 265 88.9 66.4 99.6

