

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037256.D
 Acq On : 14 Jun 2025 09:34
 Operator : RC/JU
 Sample : Q2299-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20250610

Quant Time: Jun 16 01:01:32 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)

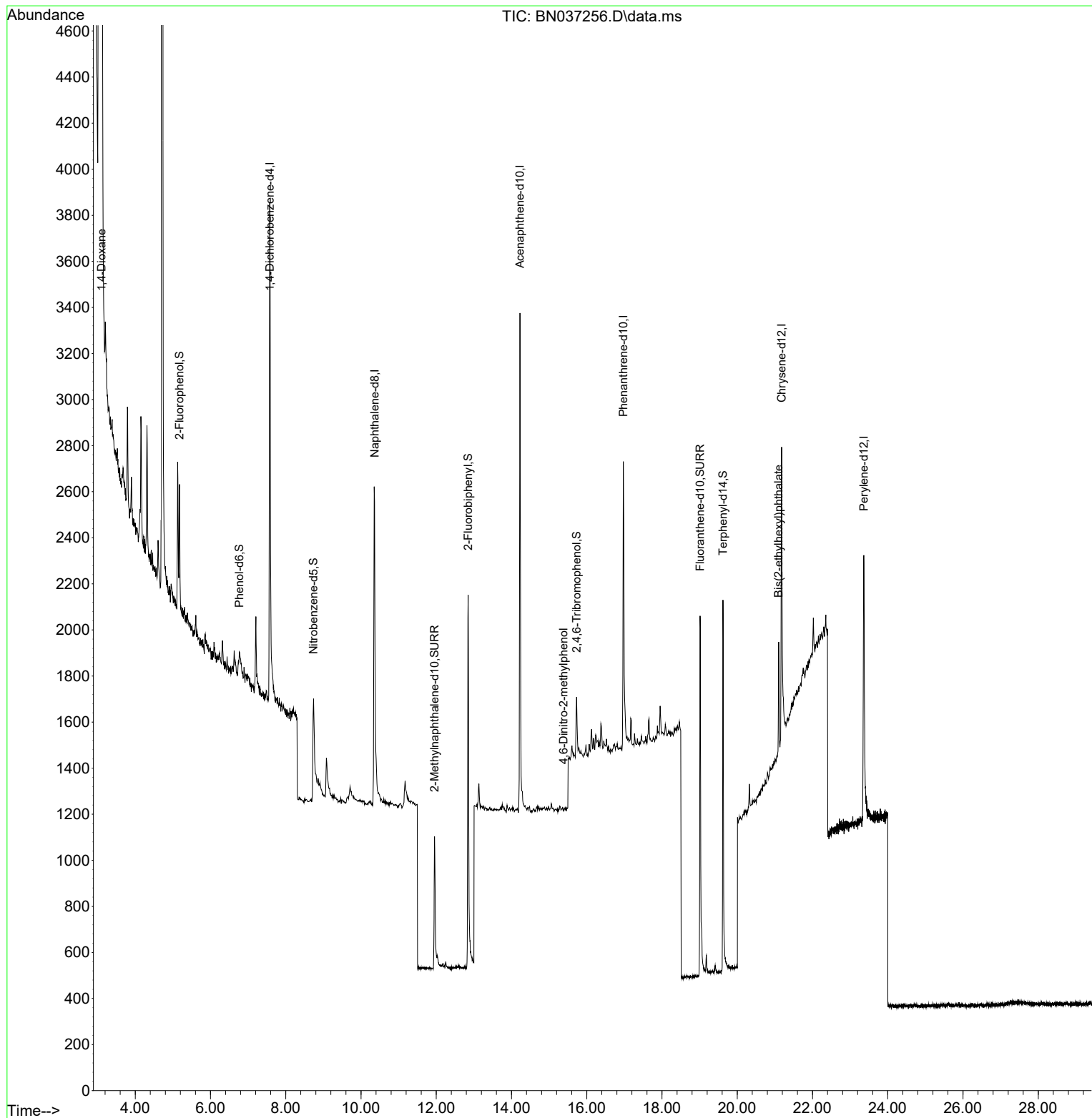
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1021	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	2392	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1295	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2221	0.400	ng	0.00
29) Chrysene-d12	21.180	240	1842	0.400	ng	0.00
35) Perylene-d12	23.363	264	1819	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	386	0.154	ng	0.00
5) Phenol-d6	6.766	99	172	0.065	ng	0.00
8) Nitrobenzene-d5	8.739	82	707	0.299	ng	0.01
11) 2-Methylnaphthalene-d10	11.955	152	1054	0.328	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	195	0.363	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	1879	0.345	ng	0.00
27) Fluoranthene-d10	19.012	212	2238	0.385	ng	0.00
31) Terphenyl-d14	19.621	244	1868	0.449	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	14310	10.216	ng	94
20) 4,6-Dinitro-2-methylph...	15.379	198	1	0.118	ng	# 31
34) Bis(2-ethylhexyl)phtha...	21.099	149	458	0.099	ng	# 96

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

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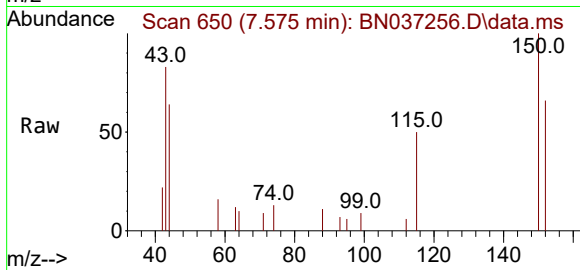
Quant Time: Jun 16 01:01:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
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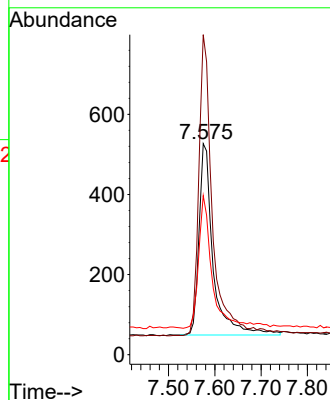
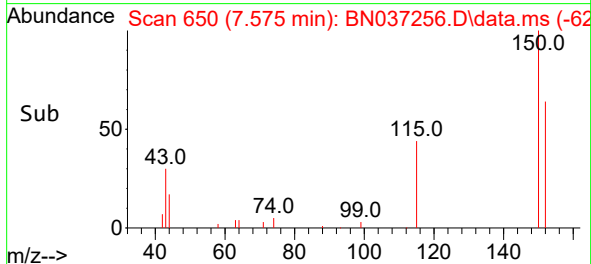


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037256.D
 Acq: 14 Jun 2025 09:34

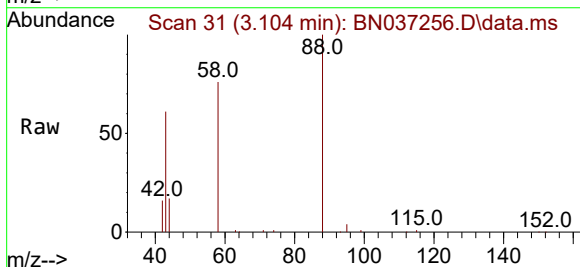
Instrument :
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 ClientSampleId :
 RE131D2-20250610



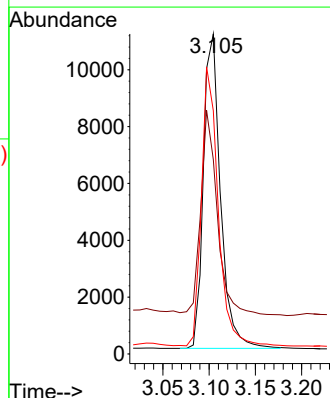
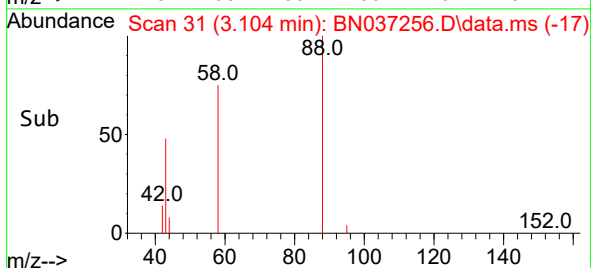
Tgt Ion:152 Resp: 1021
 Ion Ratio Lower Upper
 152 100
 150 151.6 125.2 187.8
 115 75.3 58.4 87.6



#2
 1,4-Dioxane
 Concen: 10.216 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037256.D
 Acq: 14 Jun 2025 09:34



Tgt Ion: 88 Resp: 14310
 Ion Ratio Lower Upper
 88 100
 43 62.1 52.6 79.0
 58 86.0 73.5 110.3





#4

2-Fluorophenol

Concen: 0.154 ng

RT: 5.177 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN037256.D

Acq: 14 Jun 2025 09:34

Instrument :

BNA_N

ClientSampleId :

RE131D2-20250610

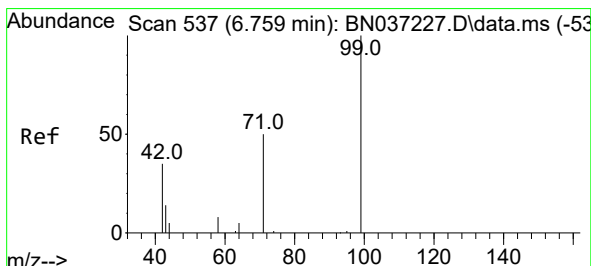
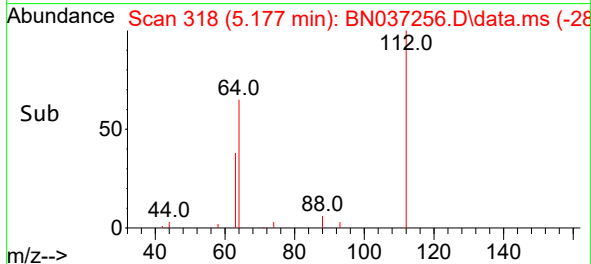
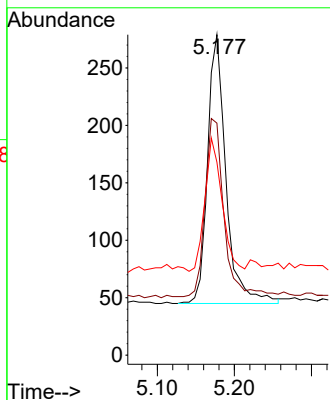
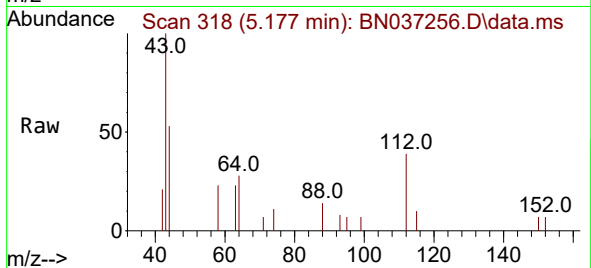
Tgt Ion:112 Resp: 386

Ion Ratio Lower Upper

112 100

64 67.9 57.2 85.8

63 45.9 39.8 59.6



#5

Phenol-d6

Concen: 0.065 ng

RT: 6.766 min Scan# 538

Delta R.T. 0.007 min

Lab File: BN037256.D

Acq: 14 Jun 2025 09:34

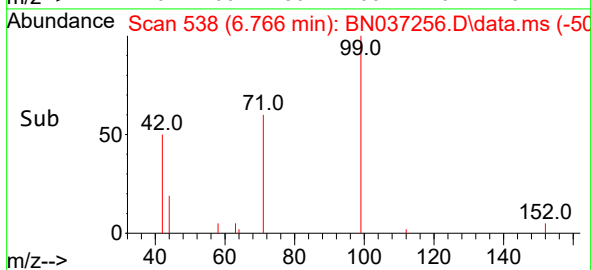
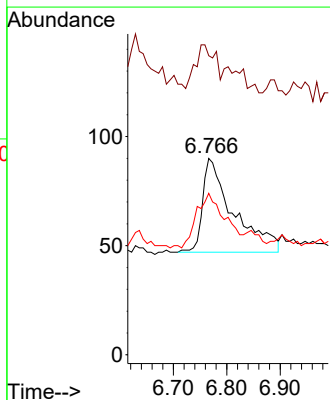
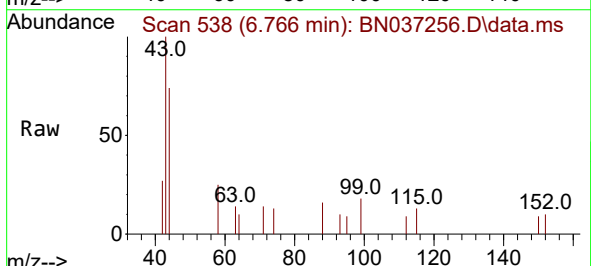
Tgt Ion: 99 Resp: 172

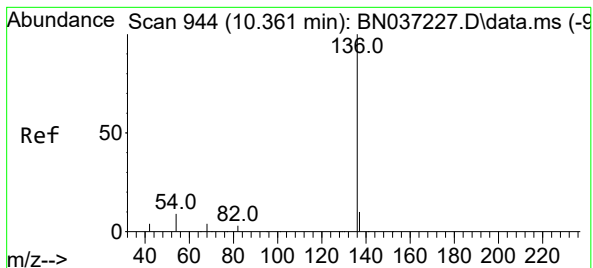
Ion Ratio Lower Upper

99 100

42 31.4 36.2 54.4#

71 55.2 42.4 63.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.362 min Scan# 944

Delta R.T. 0.000 min

Lab File: BN037256.D

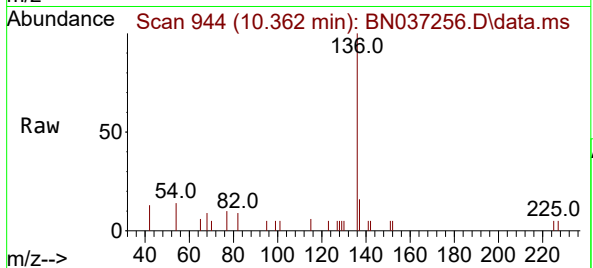
Acq: 14 Jun 2025 09:34

Instrument :

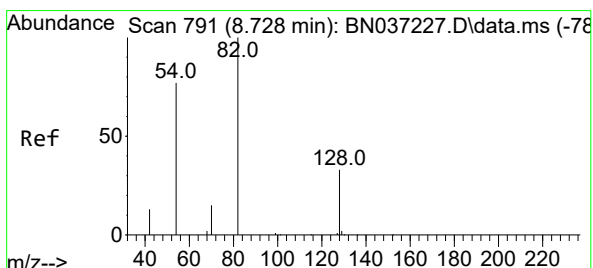
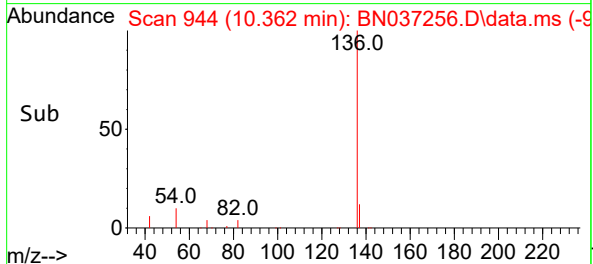
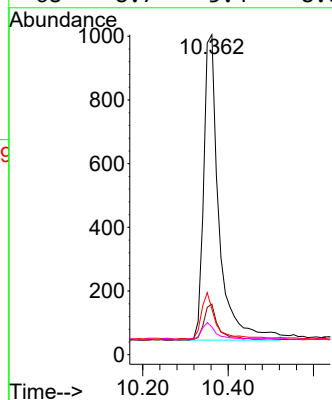
BNA_N

ClientSampleId :

RE131D2-20250610



Tgt Ion:	136	Resp:	2392
Ion Ratio	Lower	Upper	
136	100		
137	15.8	10.6	15.8
54	14.3	9.2	13.8#
68	8.7	5.4	8.0#



#8

Nitrobenzene-d5

Concen: 0.299 ng

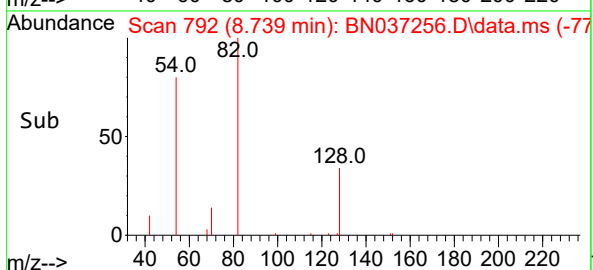
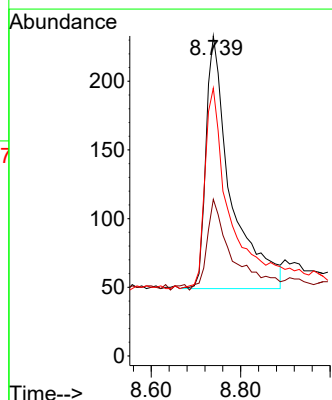
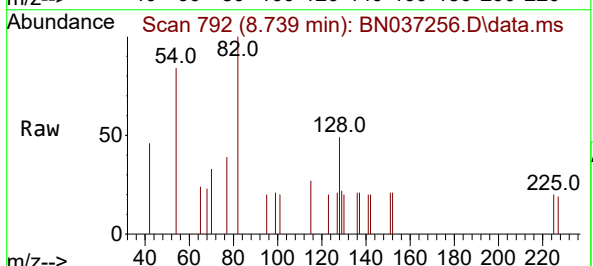
RT: 8.739 min Scan# 792

Delta R.T. 0.011 min

Lab File: BN037256.D

Acq: 14 Jun 2025 09:34

Tgt Ion:	82	Resp:	707
Ion Ratio	Lower	Upper	
82	100		
128	48.9	31.2	46.8#
54	83.7	63.3	94.9

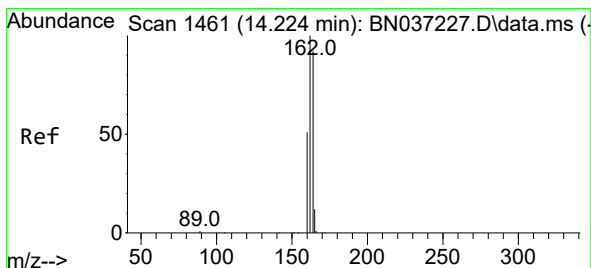
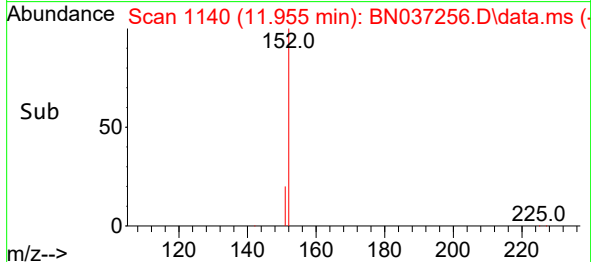
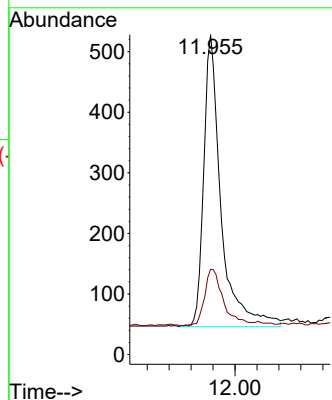
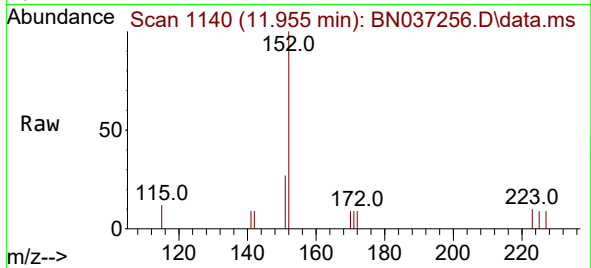




#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037256.D
Acq: 14 Jun 2025 09:34

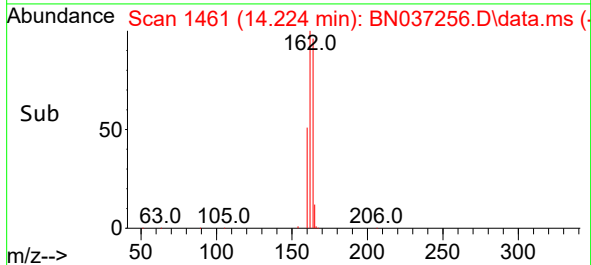
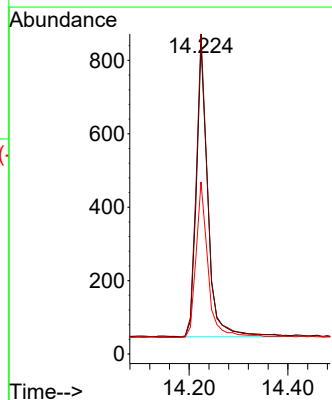
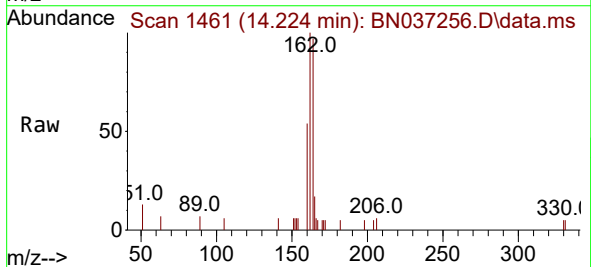
Instrument :
BNA_N
ClientSampleId :
RE131D2-20250610

Tgt Ion:152 Resp: 1054
Ion Ratio Lower Upper
152 100
151 20.6 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: BN037256.D
Acq: 14 Jun 2025 09:34

Tgt Ion:164 Resp: 1295
Ion Ratio Lower Upper
164 100
162 103.3 86.7 130.1
160 55.6 45.8 68.6

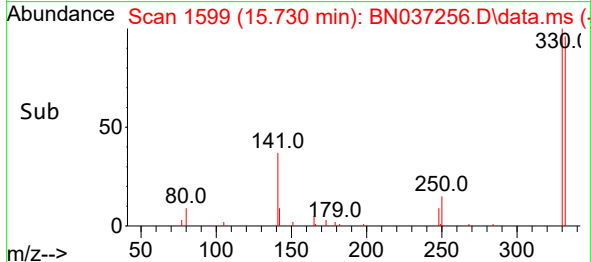
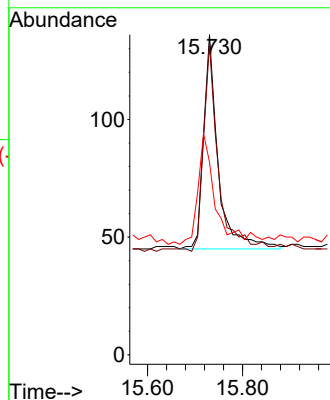
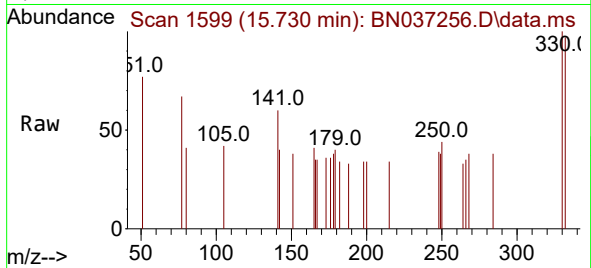




#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BN037256.D
Acq: 14 Jun 2025 09:34

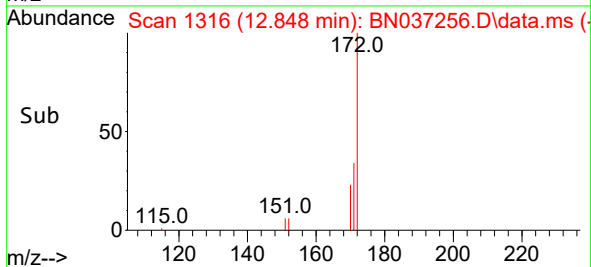
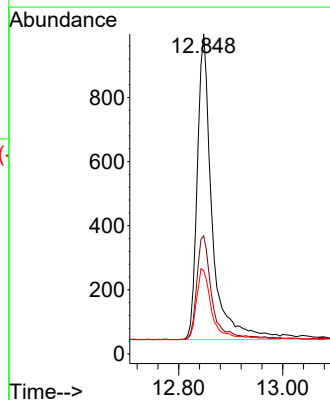
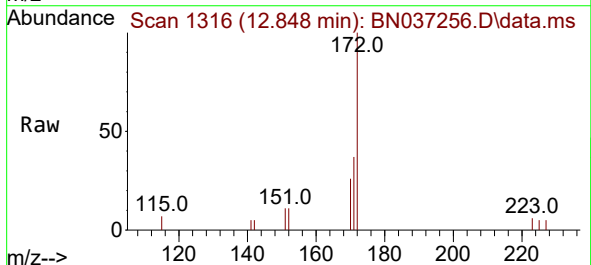
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BNA_N
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RE131D2-20250610

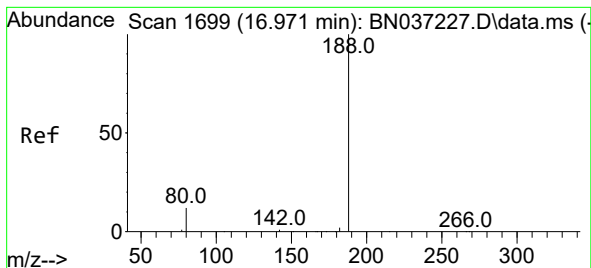
Tgt Ion:330 Resp: 195
Ion Ratio Lower Upper
330 100
332 93.3 74.9 112.3
141 62.1 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037256.D
Acq: 14 Jun 2025 09:34

Tgt Ion:172 Resp: 1879
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.8
170 26.1 21.1 31.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037256.D

Acq: 14 Jun 2025 09:34

Instrument :

BNA_N

ClientSampleId :

RE131D2-20250610

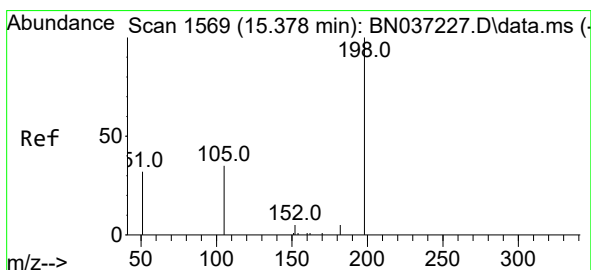
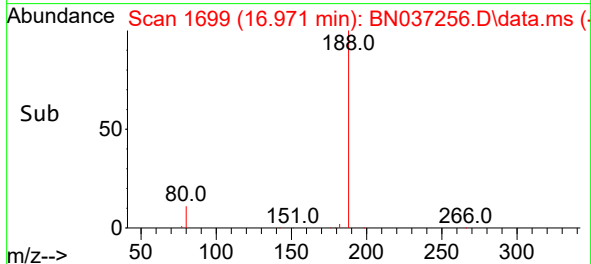
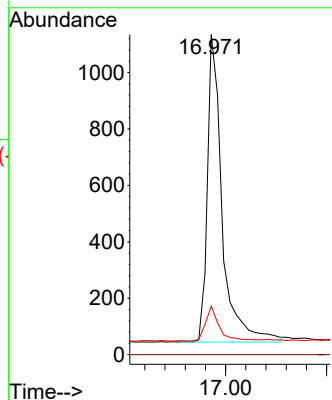
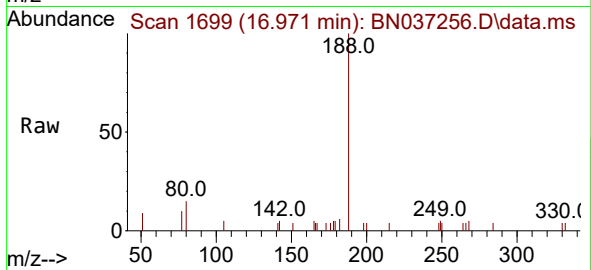
Tgt Ion:188 Resp: 2221

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.2 12.2 18.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.118 ng

RT: 15.379 min Scan# 1569

Delta R.T. 0.001 min

Lab File: BN037256.D

Acq: 14 Jun 2025 09:34

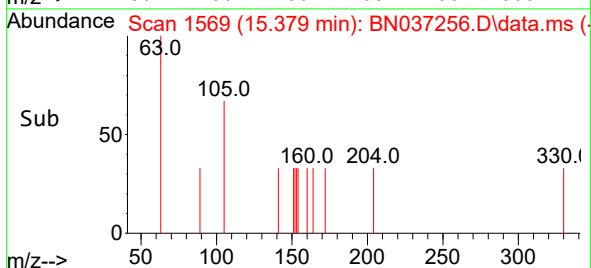
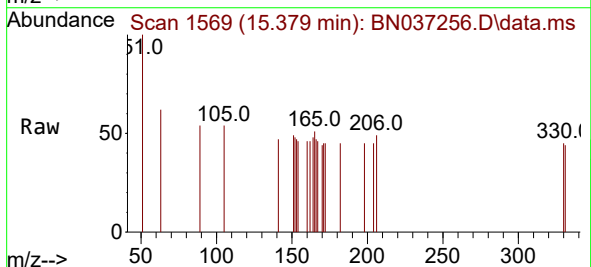
Tgt Ion:198 Resp: 1

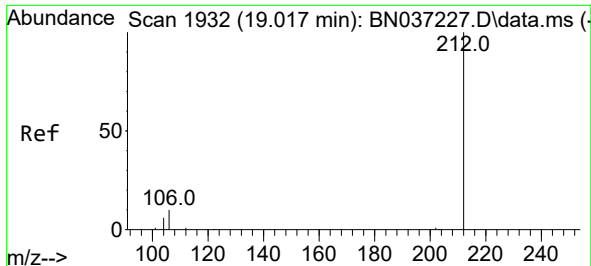
Ion Ratio Lower Upper

198 100

51 223.9 111.2 166.8#

105 121.7 54.0 81.0#

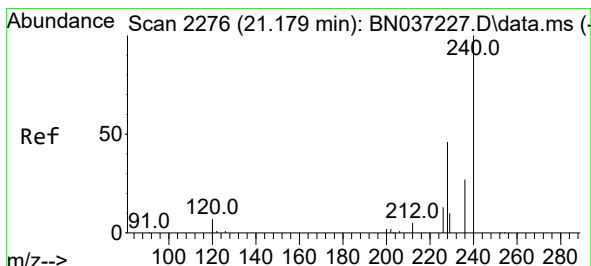
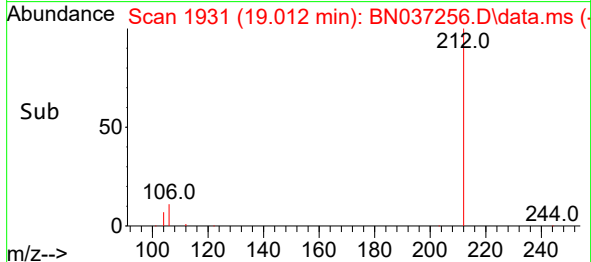
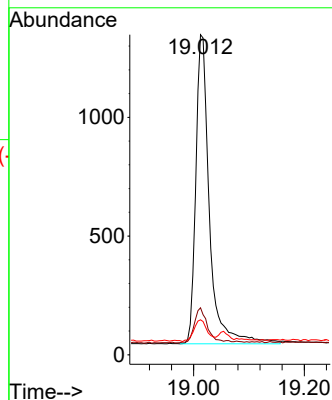
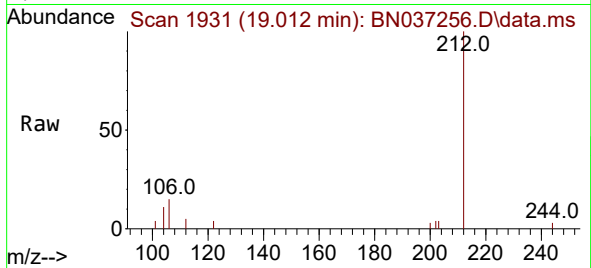




#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.004 min
Lab File: BN037256.D
Acq: 14 Jun 2025 09:34

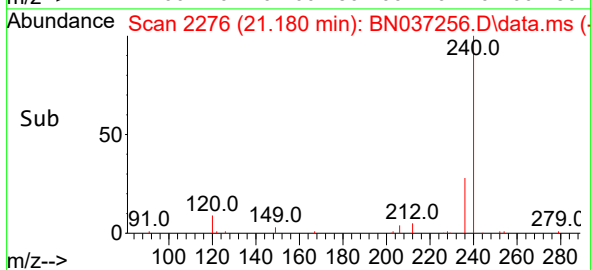
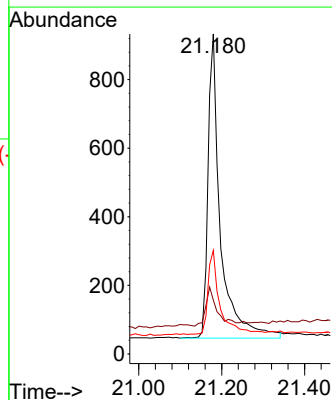
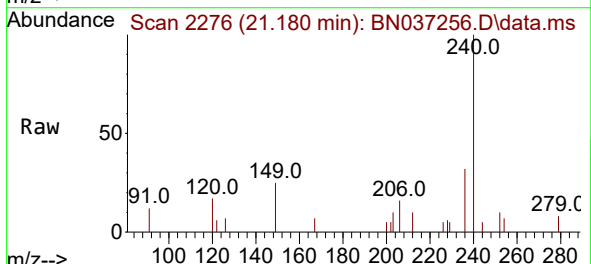
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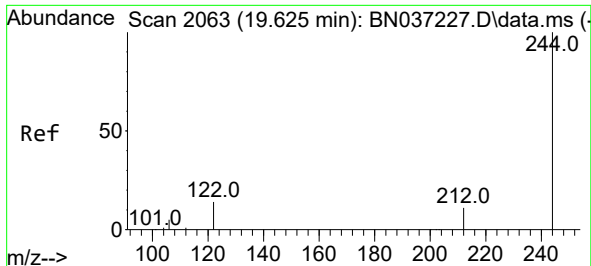
Tgt Ion:212 Resp: 2238
Ion Ratio Lower Upper
212 100
106 10.7 9.3 13.9
104 6.9 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BN037256.D
Acq: 14 Jun 2025 09:34

Tgt Ion:240 Resp: 1842
Ion Ratio Lower Upper
240 100
120 16.8 11.3 16.9
236 32.4 24.4 36.6

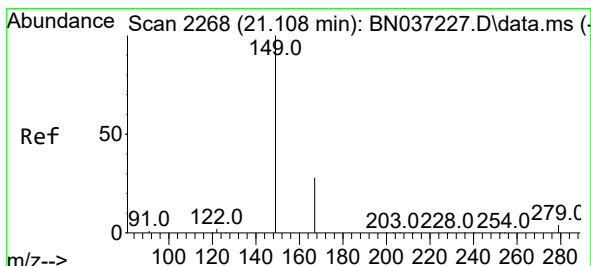
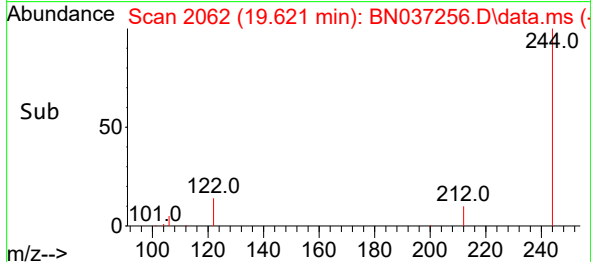
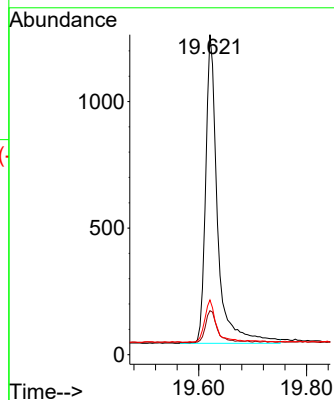
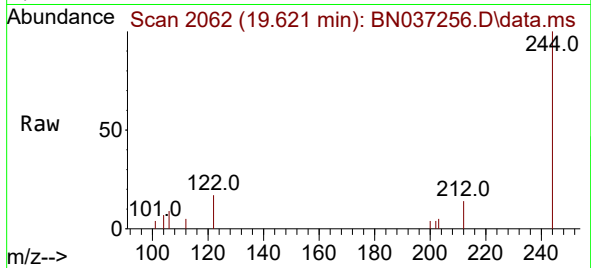




#31
 Terphenyl-d14
 Concen: 0.449 ng
 RT: 19.621 min Scan# 2062
 Delta R.T. -0.004 min
 Lab File: BN037256.D
 Acq: 14 Jun 2025 09:34

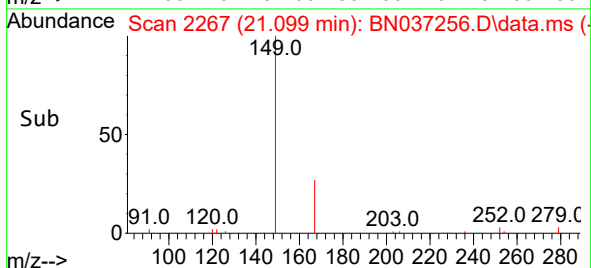
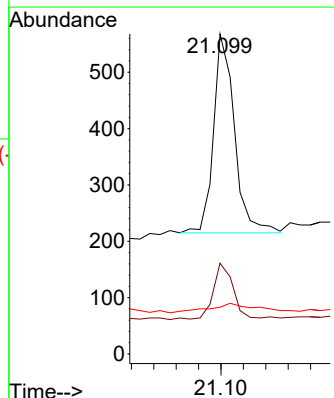
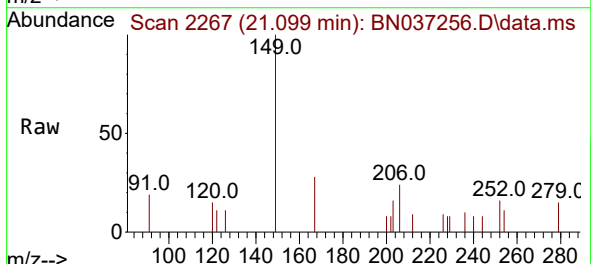
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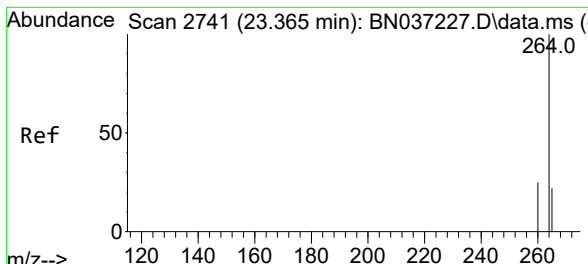
Tgt Ion:244 Resp: 1868
 Ion Ratio Lower Upper
 244 100
 212 13.8 12.2 18.2
 122 17.1 14.3 21.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.099 ng
 RT: 21.099 min Scan# 2267
 Delta R.T. -0.009 min
 Lab File: BN037256.D
 Acq: 14 Jun 2025 09:34

Tgt Ion:149 Resp: 458
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 11.6 3.3 4.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.363 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN037256.D
 Acq: 14 Jun 2025 09:34

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20250610

Tgt Ion:264 Resp: 1819

Ion	Ratio	Lower	Upper
264	100		
260	28.3	22.8	34.2
265	87.4	66.4	99.6

