

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037263.D
 Acq On : 14 Jun 2025 15:47
 Operator : RC/JU
 Sample : Q2299-16
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20250610

Quant Time: Jun 16 02:43:30 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)

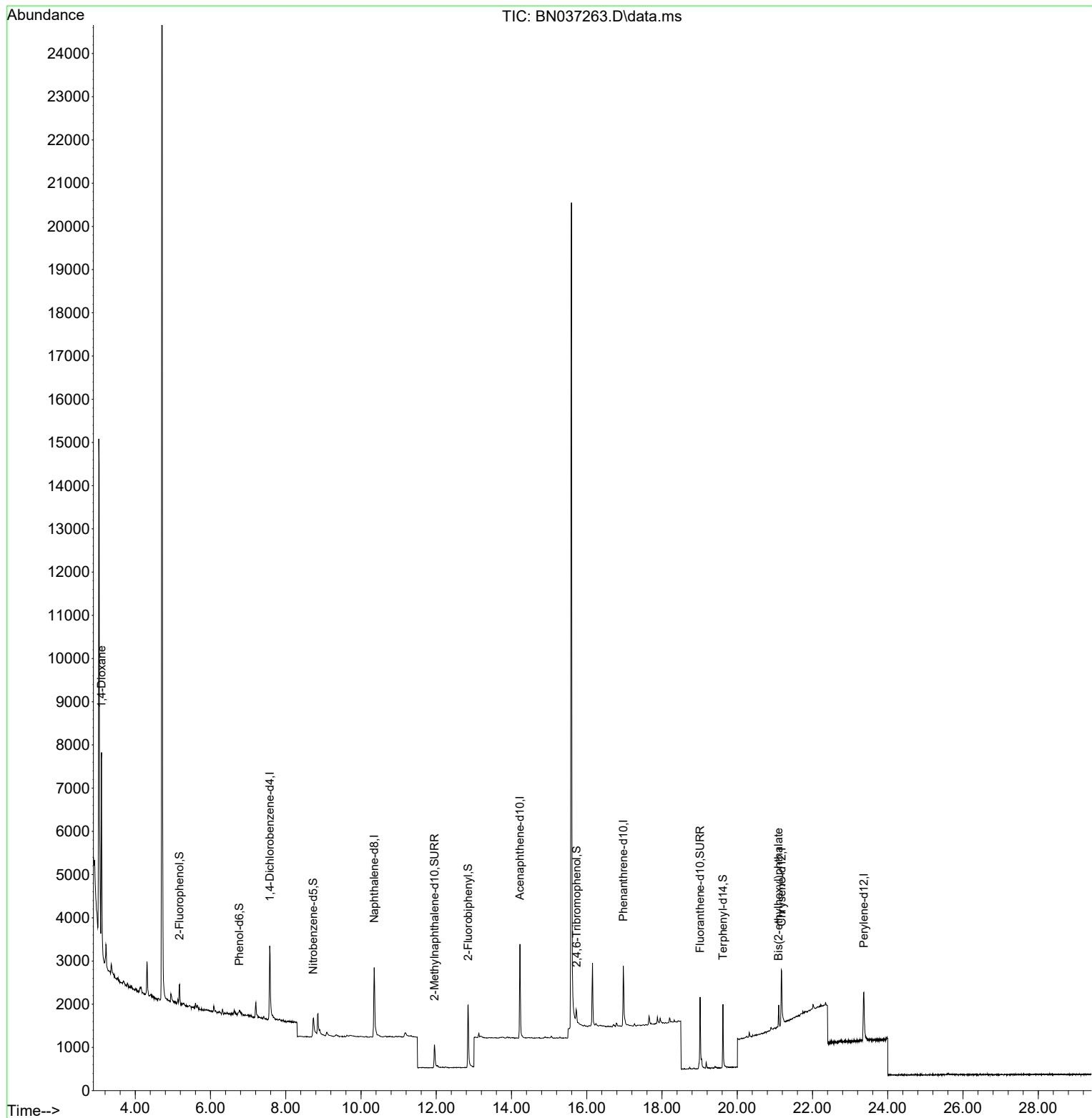
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	977	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2442	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1265	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2241	0.400	ng	0.00
29) Chrysene-d12	21.180	240	1763	0.400	ng	0.00
35) Perylene-d12	23.363	264	1807	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	330	0.138	ng	0.00
5) Phenol-d6	6.766	99	158	0.062	ng	0.00
8) Nitrobenzene-d5	8.728	82	630	0.261	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	963	0.294	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	167	0.318	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	1635	0.308	ng	0.00
27) Fluoranthene-d10	19.012	212	2187	0.373	ng	0.00
31) Terphenyl-d14	19.621	244	1594	0.400	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	2253	1.681	ng	92
34) Bis(2-ethylhexyl)phtha...	21.099	149	484	0.109	ng	# 97

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

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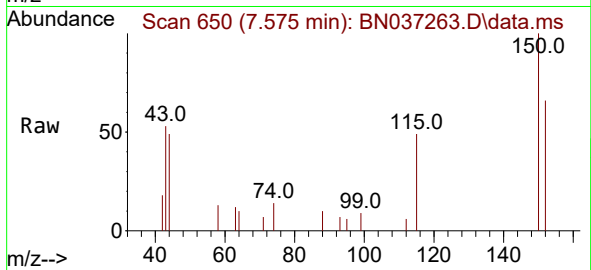
Quant Time: Jun 16 02:43:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
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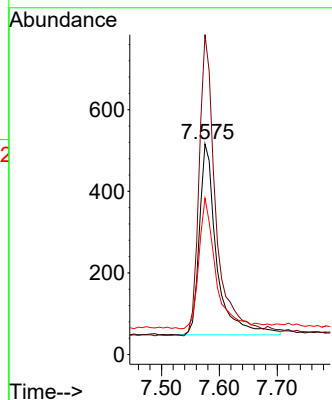
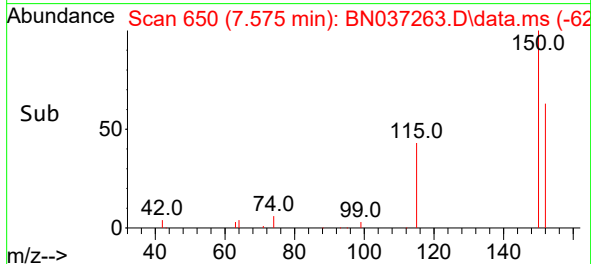


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037263.D
 Acq: 14 Jun 2025 15:47

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20250610

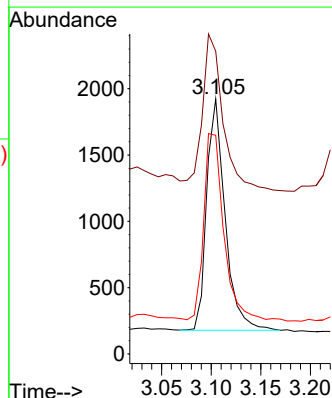
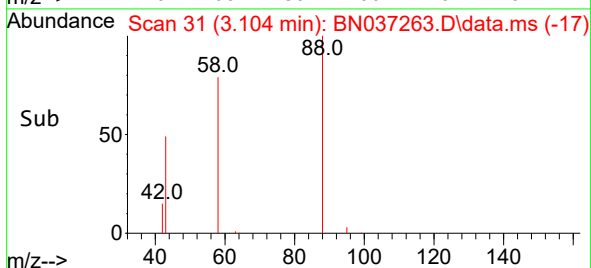
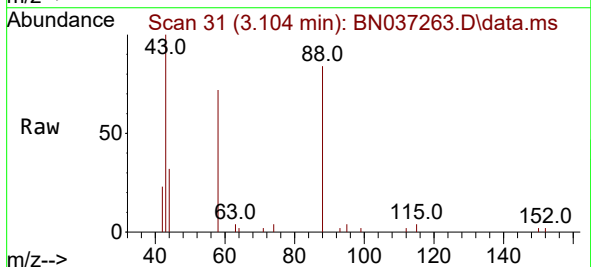


Tgt Ion:152 Resp: 977
 Ion Ratio Lower Upper
 152 100
 150 151.9 125.2 187.8
 115 74.2 58.4 87.6



#2
 1,4-Dioxane
 Concen: 1.681 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037263.D
 Acq: 14 Jun 2025 15:47

Tgt Ion: 88 Resp: 2253
 Ion Ratio Lower Upper
 88 100
 43 77.8 52.6 79.0
 58 89.2 73.5 110.3

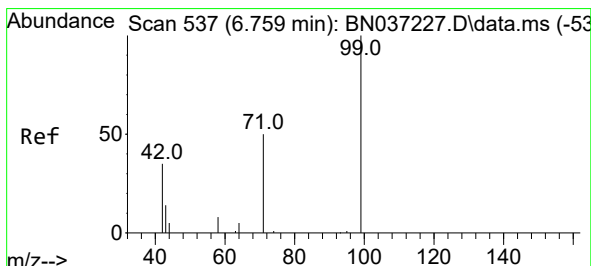
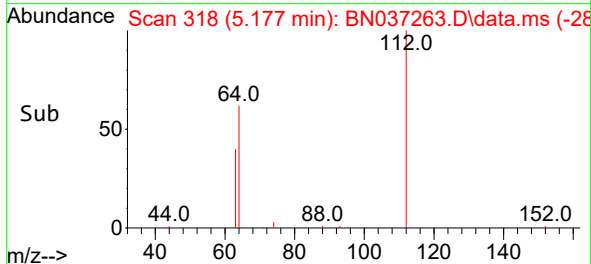
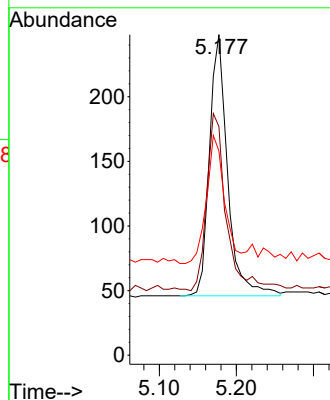
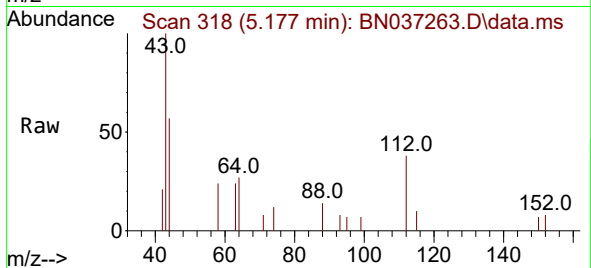




#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47

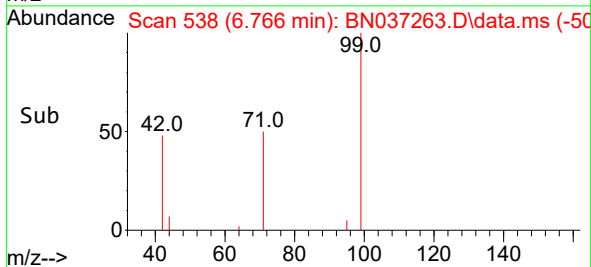
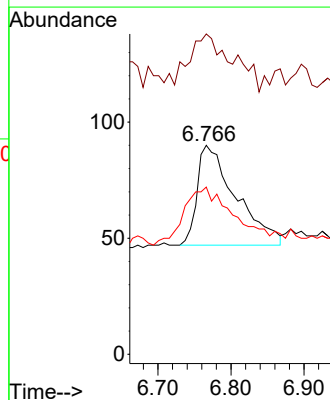
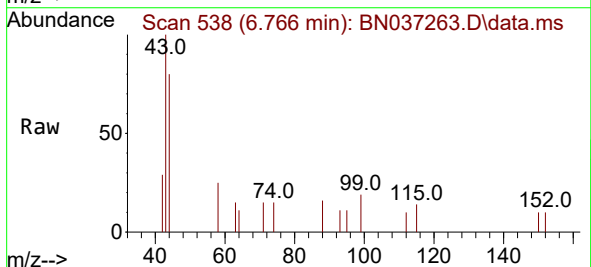
Instrument :
BNA_N
ClientSampleId :
RE134D4-20250610

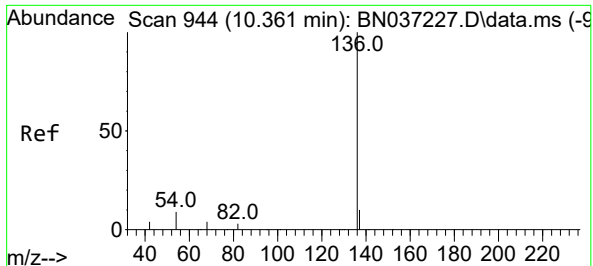
Tgt Ion:112 Resp: 330
Ion Ratio Lower Upper
112 100
64 71.5 57.2 85.8
63 48.8 39.8 59.6



#5
Phenol-d6
Concen: 0.062 ng
RT: 6.766 min Scan# 538
Delta R.T. 0.007 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47

Tgt Ion: 99 Resp: 158
Ion Ratio Lower Upper
99 100
42 40.5 36.2 54.4
71 78.5 42.4 63.6#

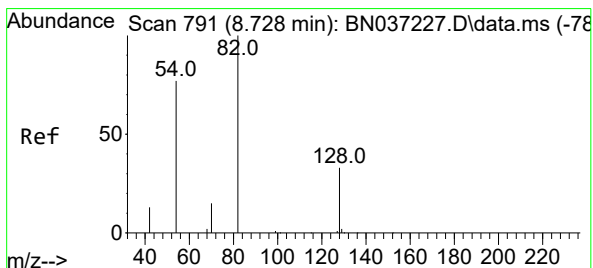
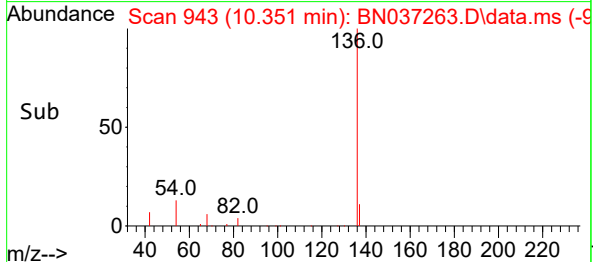
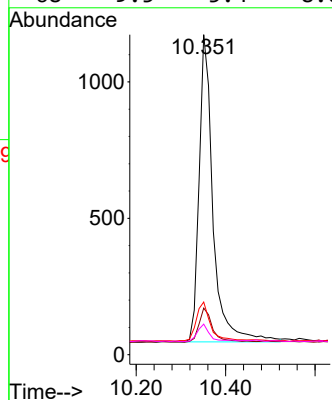
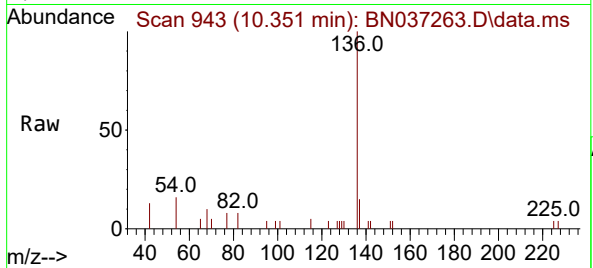




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 944
Delta R.T. -0.010 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47

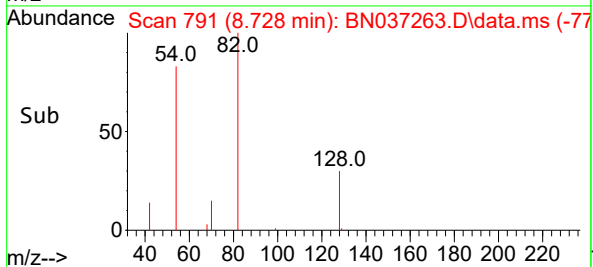
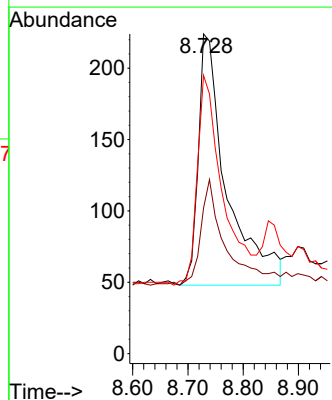
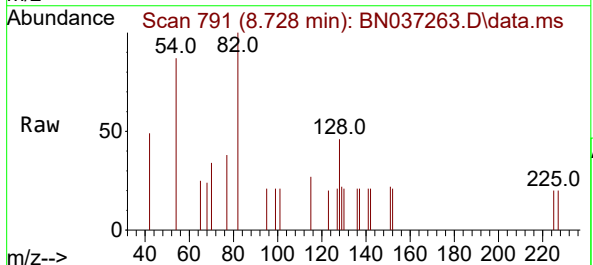
Instrument :
BNA_N
ClientSampleId :
RE134D4-20250610

Tgt Ion:	136	Resp:	2442
Ion Ratio	Lower	Upper	
136	100		
137	14.6	10.6	15.8
54	16.5	9.2	13.8#
68	9.5	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47

Tgt Ion:	82	Resp:	630
Ion Ratio	Lower	Upper	
82	100		
128	45.5	31.2	46.8
54	87.1	63.3	94.9





#11

2-Methylnaphthalene-d10

Concen: 0.294 ng

RT: 11.950 min Scan# 1140

Delta R.T. -0.005 min

Lab File: BN037263.D

Acq: 14 Jun 2025 15:47

Instrument :

BNA_N

ClientSampleId :

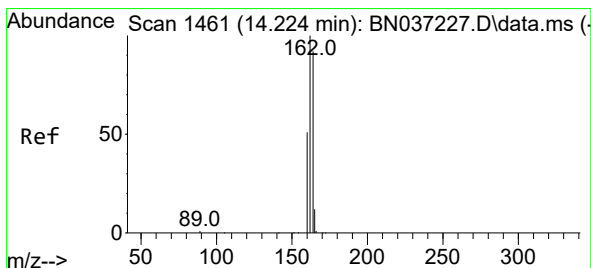
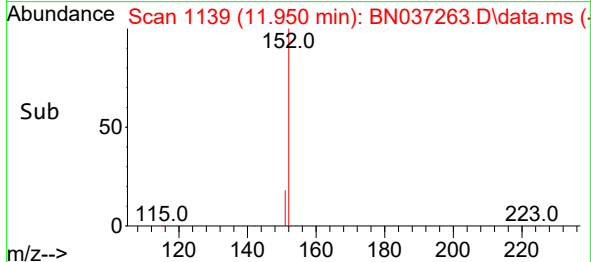
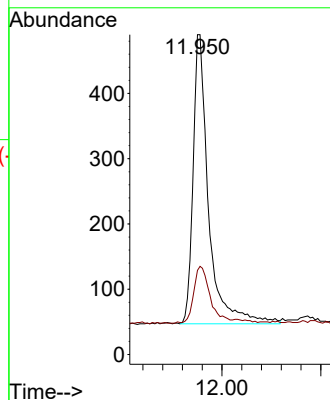
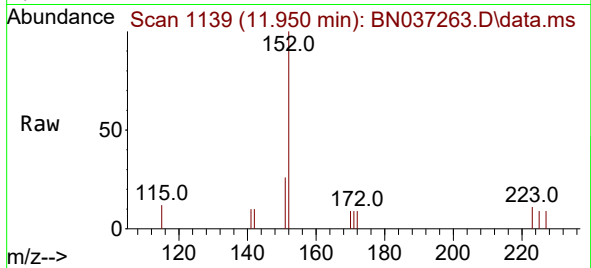
RE134D4-20250610

Tgt Ion:152 Resp: 963

Ion Ratio Lower Upper

152 100

151 20.8 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: BN037263.D

Acq: 14 Jun 2025 15:47

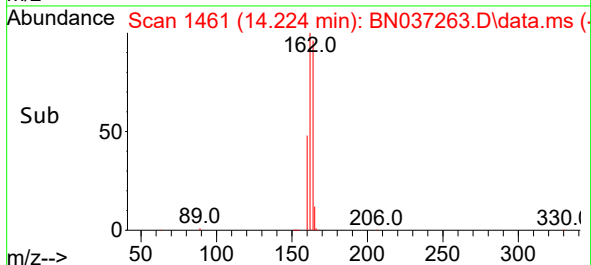
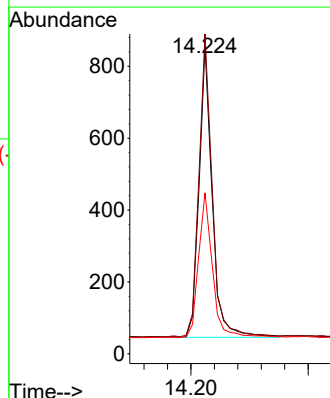
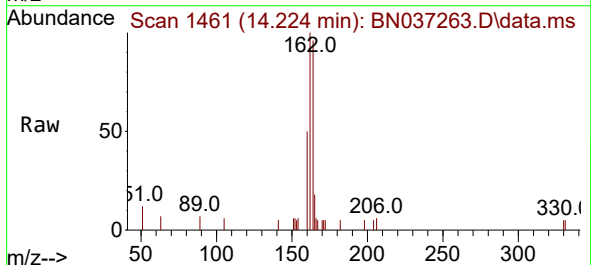
Tgt Ion:164 Resp: 1265

Ion Ratio Lower Upper

164 100

162 103.9 86.7 130.1

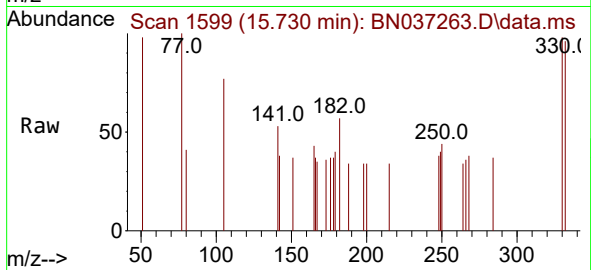
160 52.3 45.8 68.6



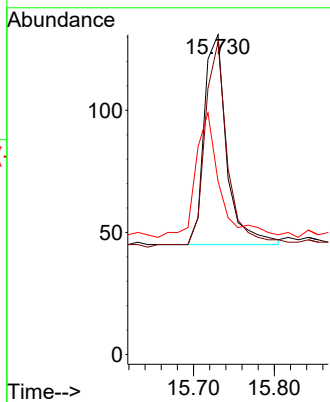
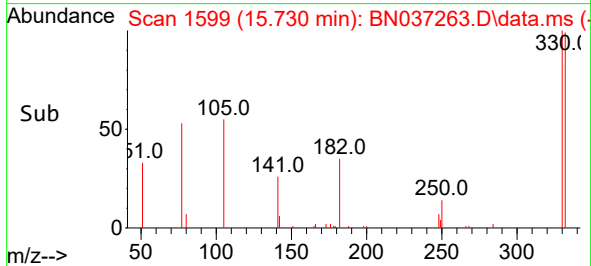


#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47

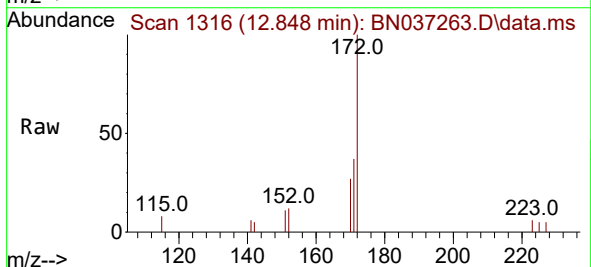
Instrument :
BNA_N
ClientSampleId :
RE134D4-20250610



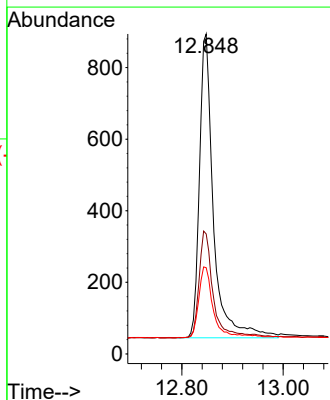
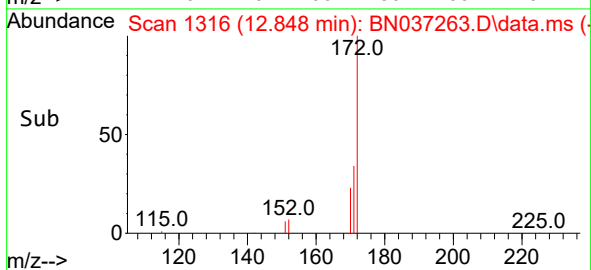
Tgt Ion: 330 Resp: 167
Ion Ratio Lower Upper
330 100
332 101.8 74.9 112.3
141 63.5 45.1 67.7

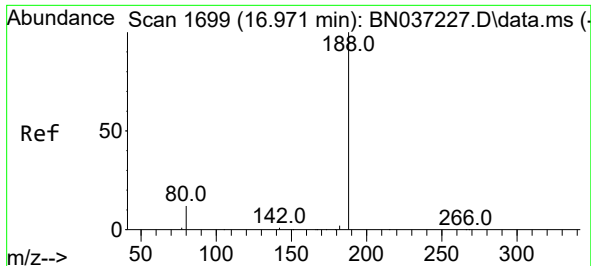


#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47



Tgt Ion: 172 Resp: 1635
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.8
170 27.0 21.1 31.7

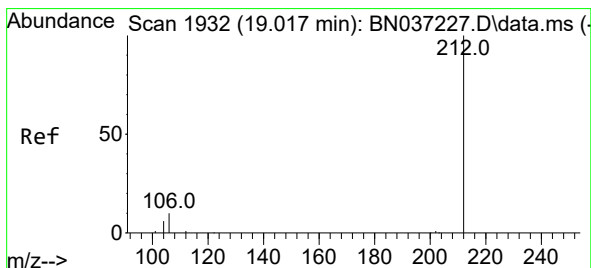
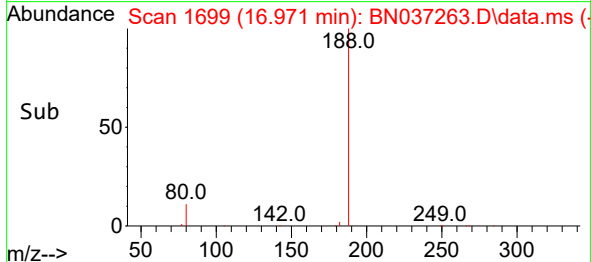
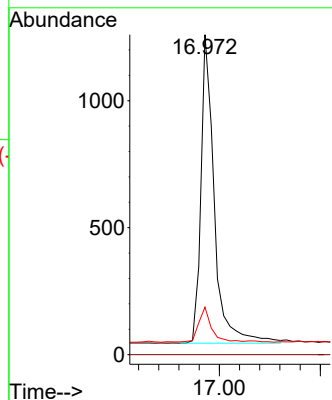
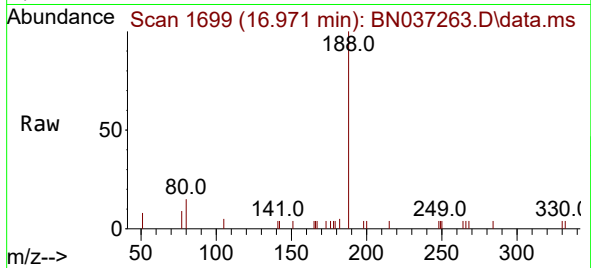




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47

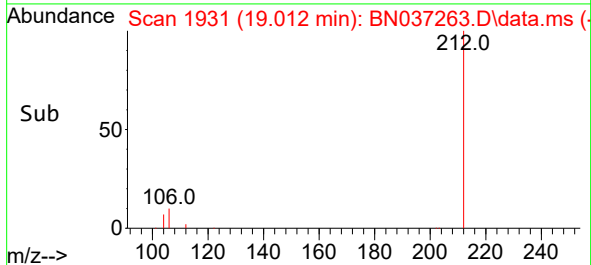
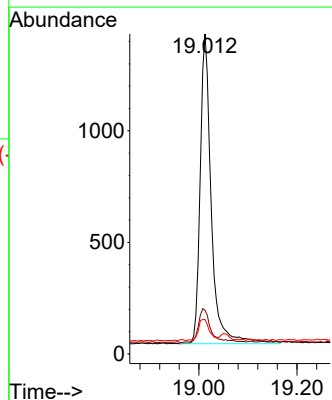
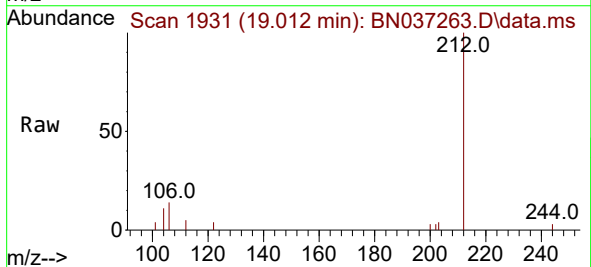
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BNA_N
ClientSampleId :
RE134D4-20250610

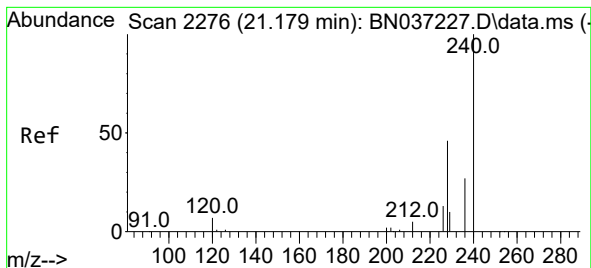
Tgt Ion:188 Resp: 2241
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.004 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47

Tgt Ion:212 Resp: 2187
Ion Ratio Lower Upper
212 100
106 11.8 9.3 13.9
104 6.6 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.180 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037263.D

Acq: 14 Jun 2025 15:47

Instrument :

BNA_N

ClientSampleId :

RE134D4-20250610

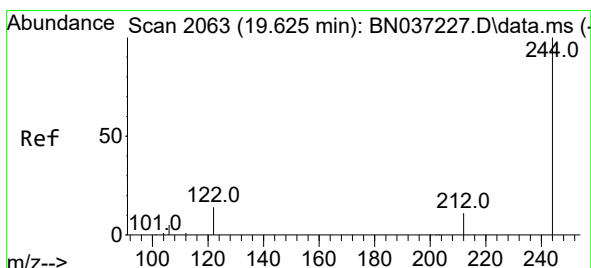
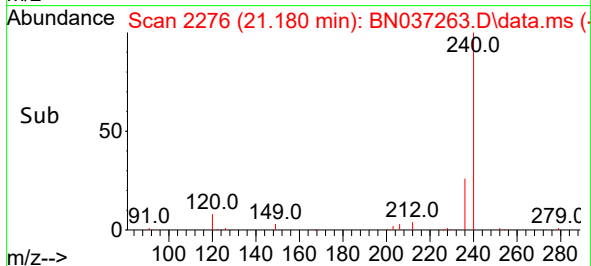
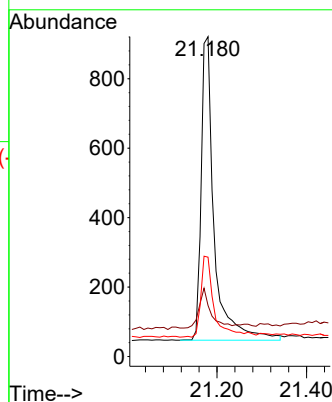
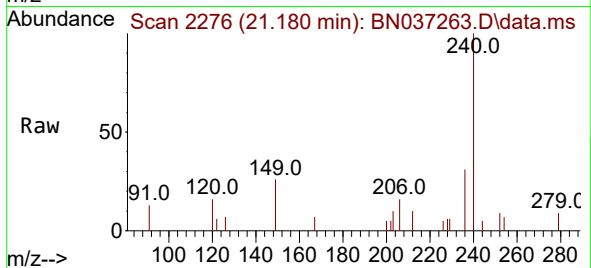
Tgt Ion:240 Resp: 1763

Ion Ratio Lower Upper

240 100

120 16.0 11.3 16.9

236 31.1 24.4 36.6



#31

Terphenyl-d14

Concen: 0.400 ng

RT: 19.621 min Scan# 2062

Delta R.T. -0.004 min

Lab File: BN037263.D

Acq: 14 Jun 2025 15:47

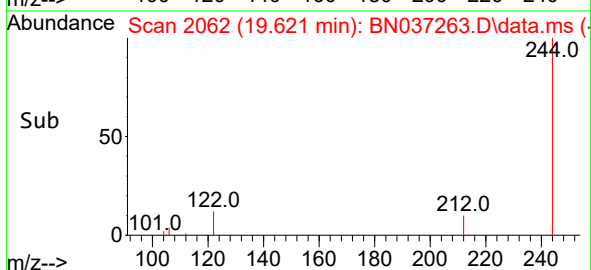
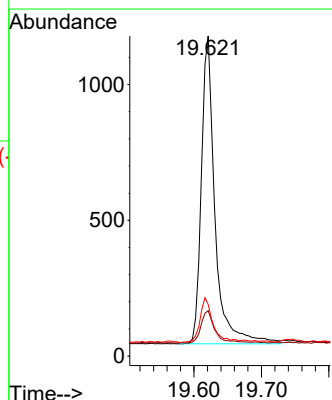
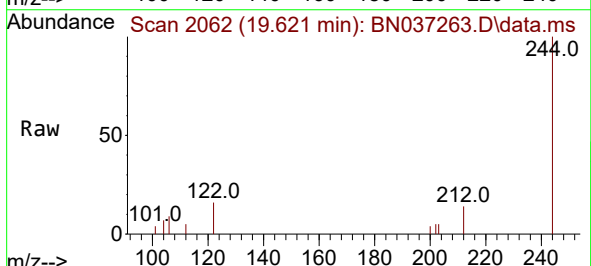
Tgt Ion:244 Resp: 1594

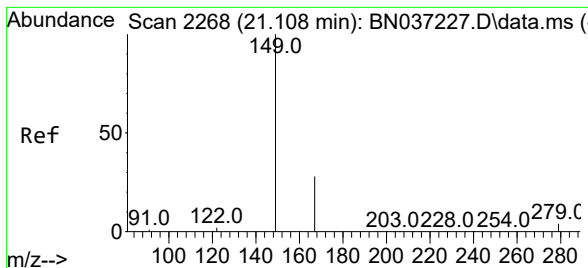
Ion Ratio Lower Upper

244 100

212 14.2 12.2 18.2

122 16.1 14.3 21.5

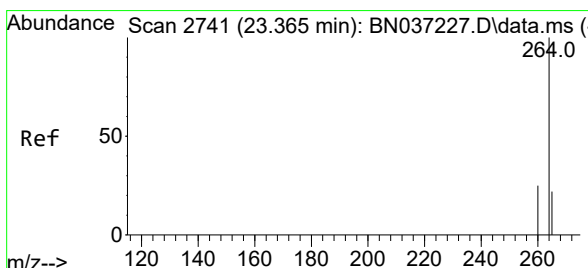
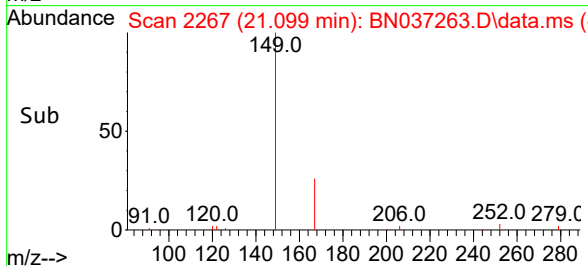
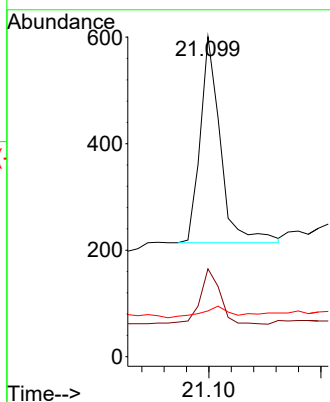
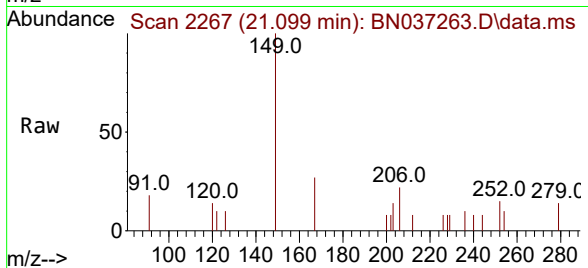




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.109 ng
 RT: 21.099 min Scan# 2109
 Delta R.T. -0.009 min
 Lab File: BN037263.D
 Acq: 14 Jun 2025 15:47

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20250610

Tgt Ion:149 Resp: 484
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.3 31.9
 279 7.4 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.363 min Scan# 2740
 Delta R.T. -0.003 min
 Lab File: BN037263.D
 Acq: 14 Jun 2025 15:47

Tgt Ion:264 Resp: 1807
 Ion Ratio Lower Upper
 264 100
 260 27.2 22.8 34.2
 265 90.1 66.4 99.6

