

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037268.D
 Acq On : 14 Jun 2025 18:48
 Operator : RC/JU
 Sample : Q2299-21
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20250611

Quant Time: Jun 16 02:44:31 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)

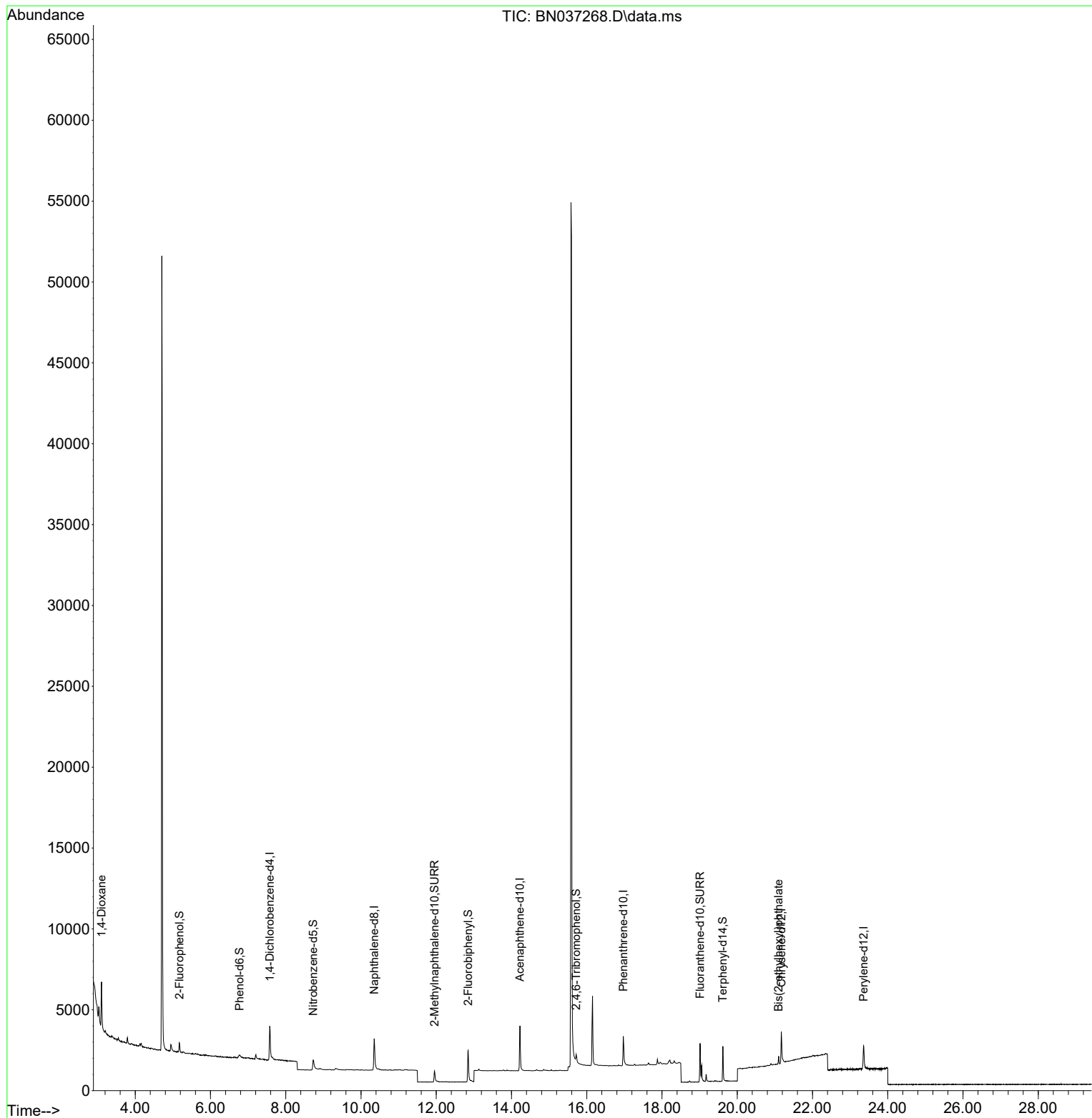
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1239	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	3144	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1632	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2957	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2278	0.400	ng	0.00
35) Perylene-d12	23.357	264	2145	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	443	0.146	ng	0.00
5) Phenol-d6	6.773	99	260	0.081	ng	0.01
8) Nitrobenzene-d5	8.728	82	858	0.276	ng	0.00
11) 2-Methylnaphthalene-d10	11.955	152	1270	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	251	0.370	ng	-0.01
15) 2-Fluorobiphenyl	12.848	172	2150	0.313	ng	0.00
27) Fluoranthene-d10	19.012	212	3076	0.398	ng	0.00
31) Terphenyl-d14	19.616	244	2383	0.463	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	1485	0.874	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.099	149	472	0.082	ng	95

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

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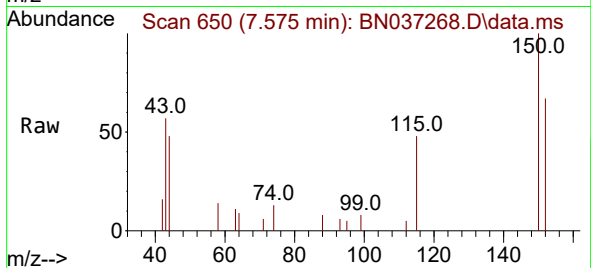
Quant Time: Jun 16 02:44:31 2025
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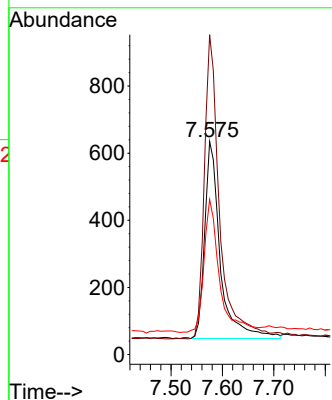
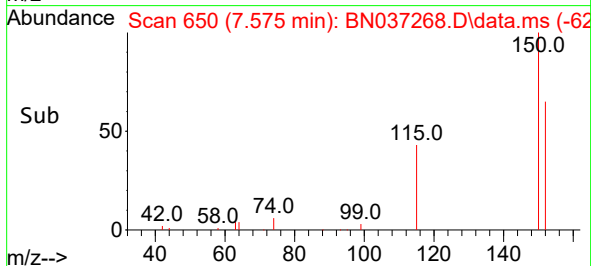


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037268.D
 Acq: 14 Jun 2025 18:48

Instrument :
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 ClientSampleId :
 RE134D1-20250611

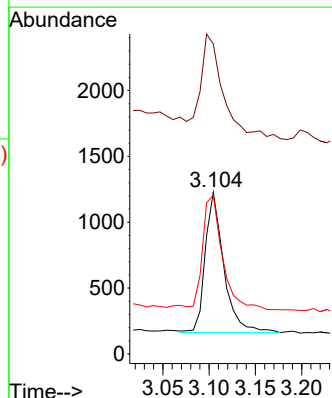
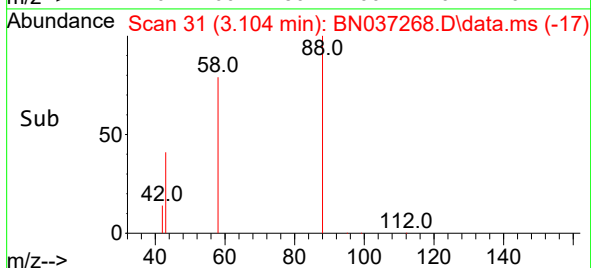
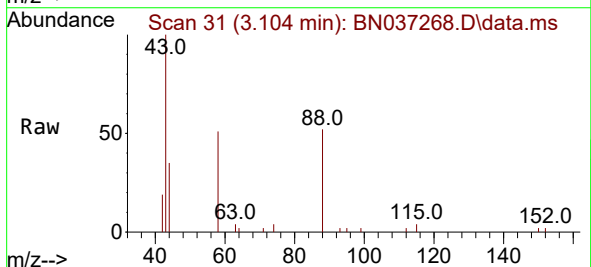


Tgt Ion:152 Resp: 1239
 Ion Ratio Lower Upper
 152 100
 150 150.1 125.2 187.8
 115 72.8 58.4 87.6



#2
 1,4-Dioxane
 Concen: 0.874 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037268.D
 Acq: 14 Jun 2025 18:48

Tgt Ion: 88 Resp: 1485
 Ion Ratio Lower Upper
 88 100
 43 91.7 52.6 79.0#
 58 89.6 73.5 110.3

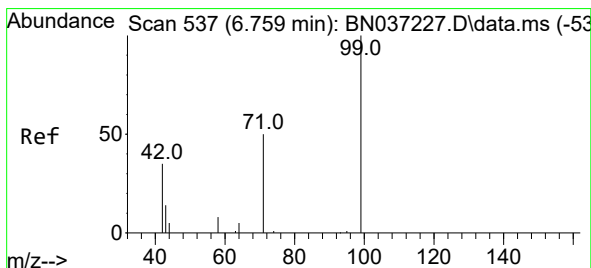
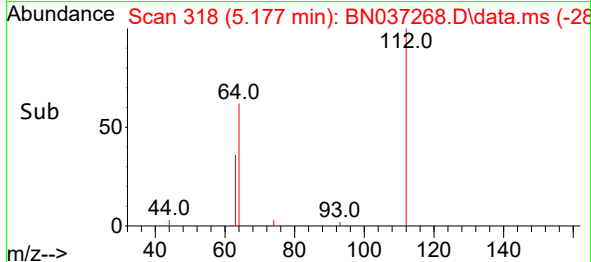
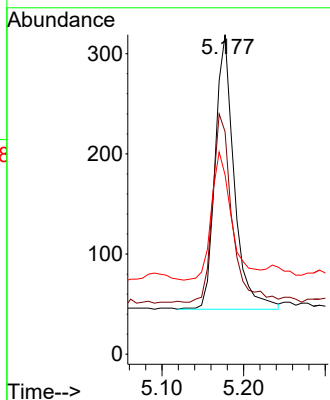
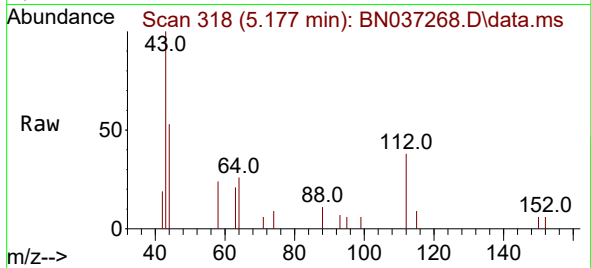




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037268.D
Acq: 14 Jun 2025 18:48

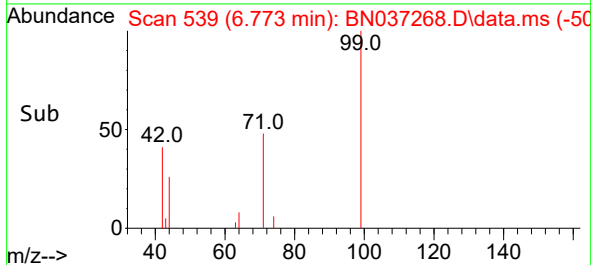
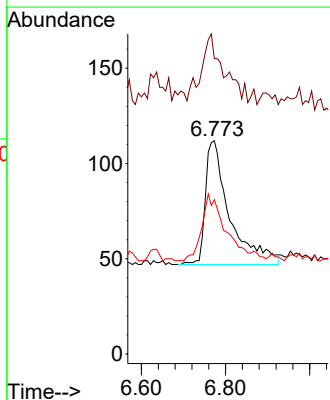
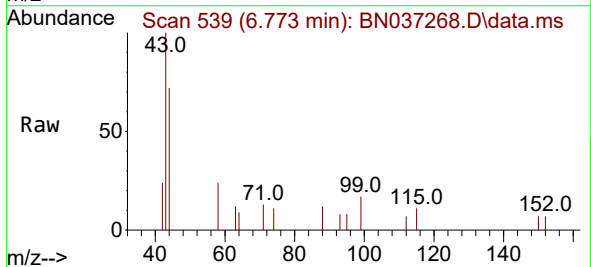
Instrument :
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RE134D1-20250611

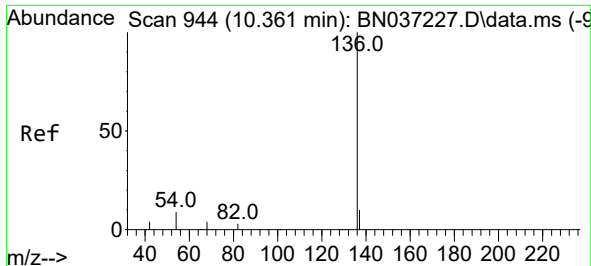
Tgt Ion:112 Resp: 443
Ion Ratio Lower Upper
112 100
64 70.9 57.2 85.8
63 49.9 39.8 59.6



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.773 min Scan# 539
Delta R.T. 0.015 min
Lab File: BN037268.D
Acq: 14 Jun 2025 18:48

Tgt Ion: 99 Resp: 260
Ion Ratio Lower Upper
99 100
42 55.4 36.2 54.4#
71 54.2 42.4 63.6

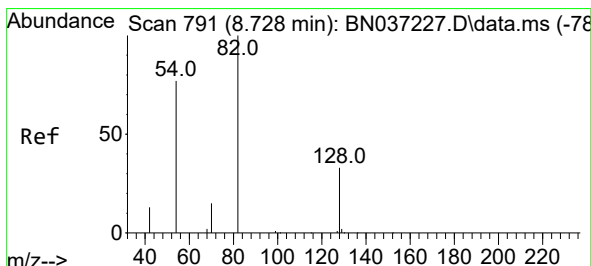
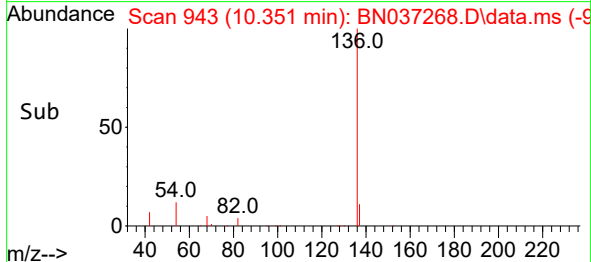
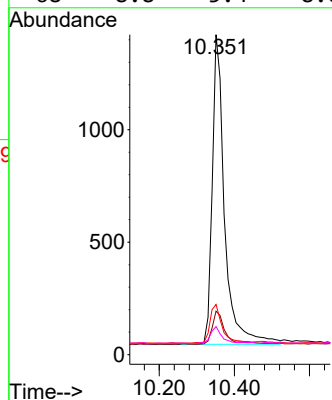
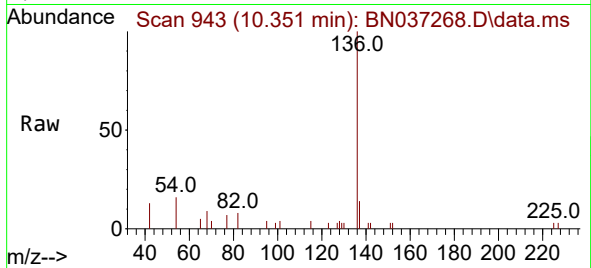




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 944
Delta R.T. -0.010 min
Lab File: BN037268.D
Acq: 14 Jun 2025 18:48

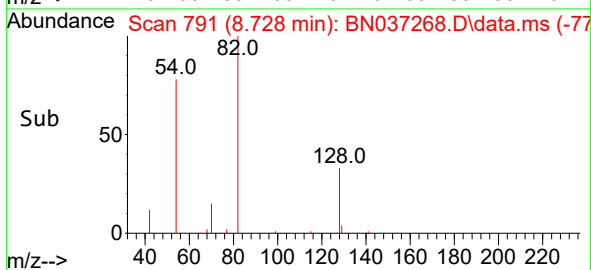
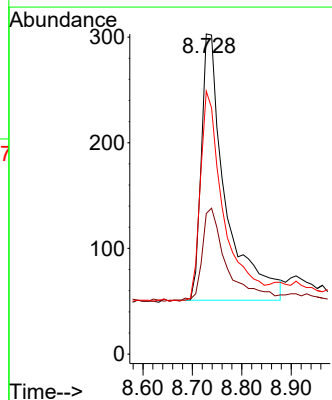
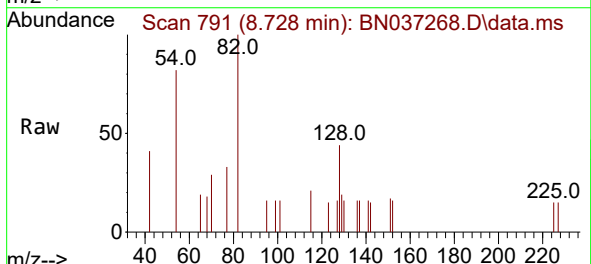
Instrument :
BNA_N
ClientSampleId :
RE134D1-20250611

Tgt Ion:	136	Resp:	3144
Ion Ratio	Lower	Upper	
136	100		
137	13.6	10.6	15.8
54	15.7	9.2	13.8#
68	8.8	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN037268.D
Acq: 14 Jun 2025 18:48

Tgt Ion:	82	Resp:	858
Ion Ratio	Lower	Upper	
82	100		
128	43.9	31.2	46.8
54	82.2	63.3	94.9

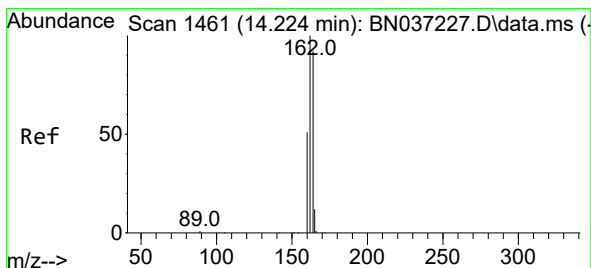
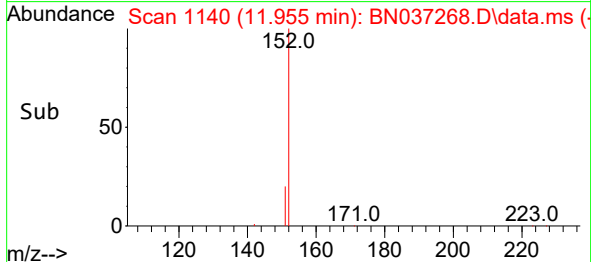
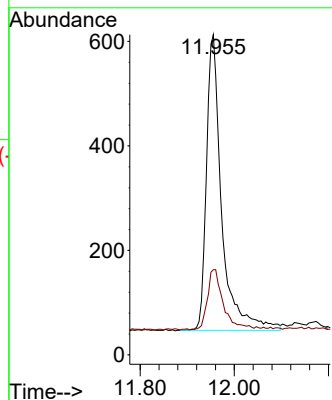
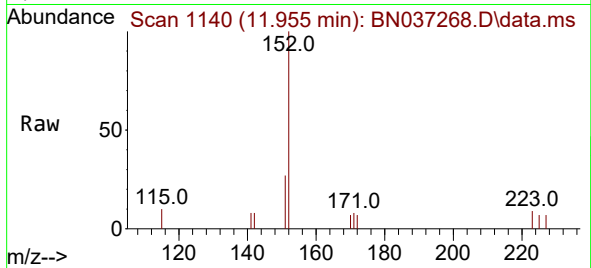




#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037268.D
Acq: 14 Jun 2025 18:48

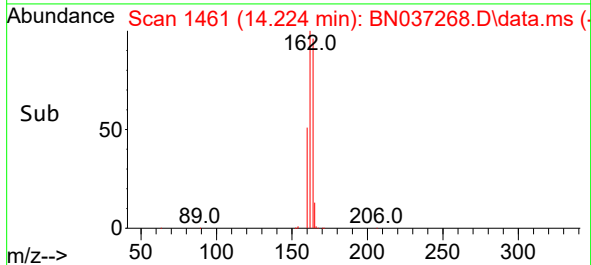
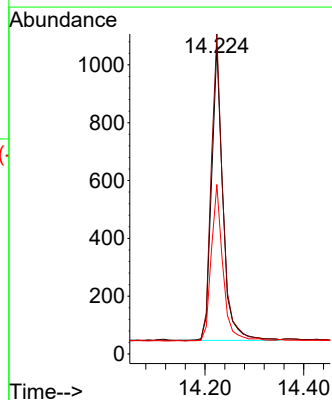
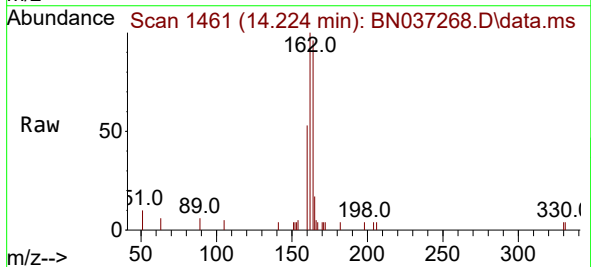
Instrument :
BNA_N
ClientSampleId :
RE134D1-20250611

Tgt Ion:152 Resp: 1270
Ion Ratio Lower Upper
152 100
151 21.2 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: BN037268.D
Acq: 14 Jun 2025 18:48

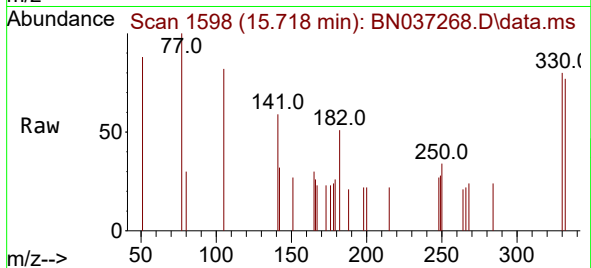
Tgt Ion:164 Resp: 1632
Ion Ratio Lower Upper
164 100
162 104.0 86.7 130.1
160 55.1 45.8 68.6



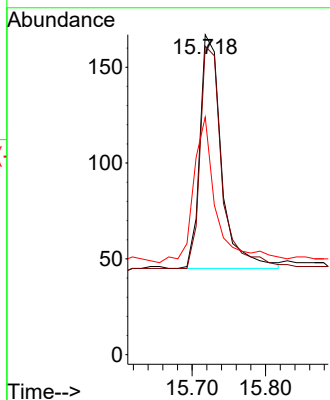
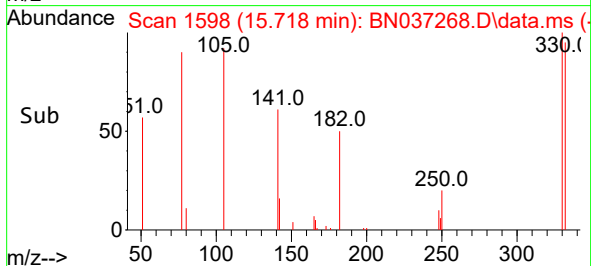


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BN037268.D
Acq: 14 Jun 2025 18:48

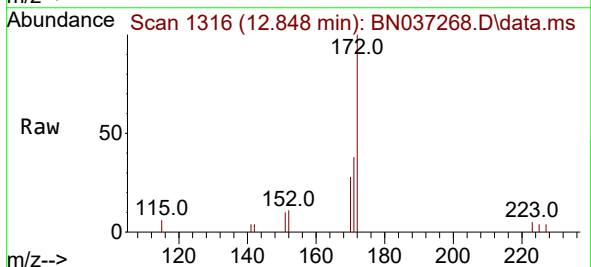
Instrument :
BNA_N
ClientSampleId :
RE134D1-20250611



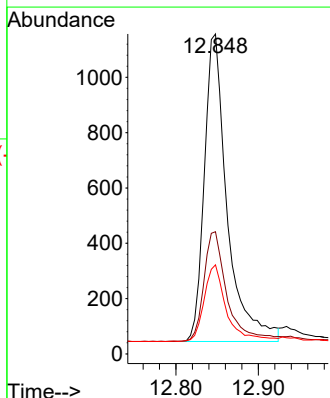
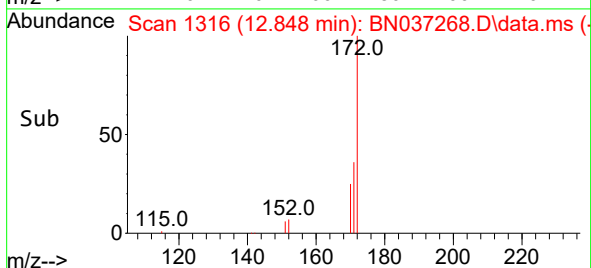
Tgt Ion:330 Resp: 251
Ion Ratio Lower Upper
330 100
332 97.2 74.9 112.3
141 66.1 45.1 67.7

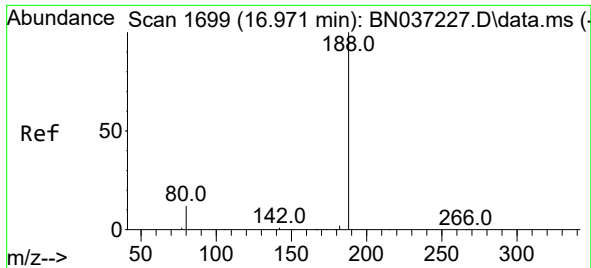


#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037268.D
Acq: 14 Jun 2025 18:48



Tgt Ion:172 Resp: 2150
Ion Ratio Lower Upper
172 100
171 38.2 29.8 44.8
170 27.8 21.1 31.7

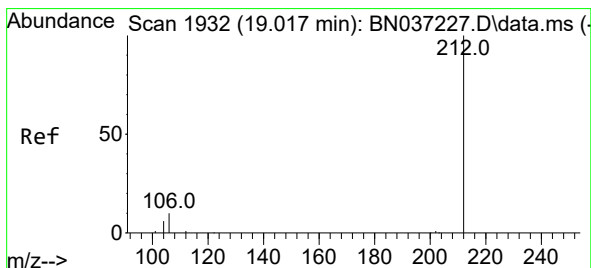
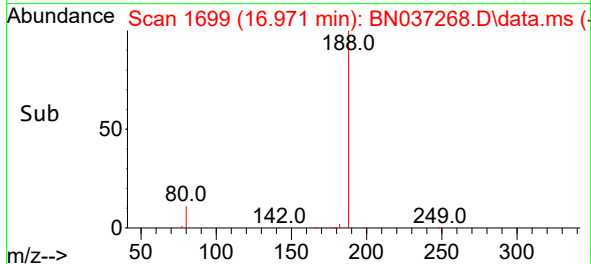
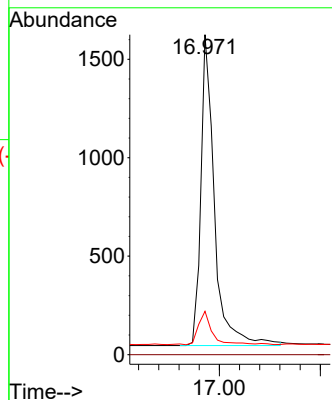
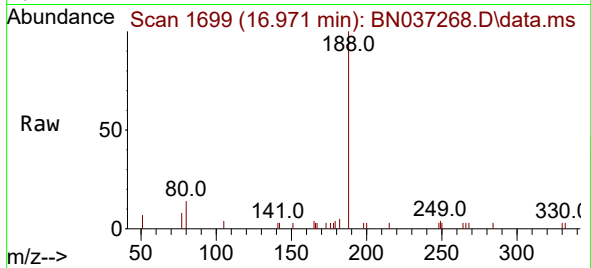




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037268.D
Acq: 14 Jun 2025 18:48

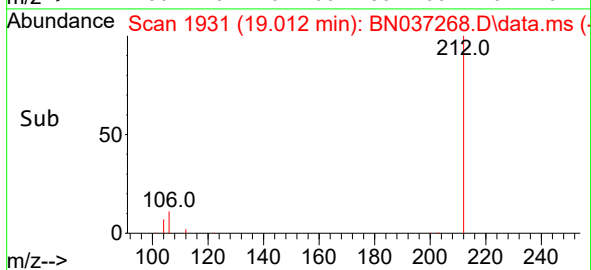
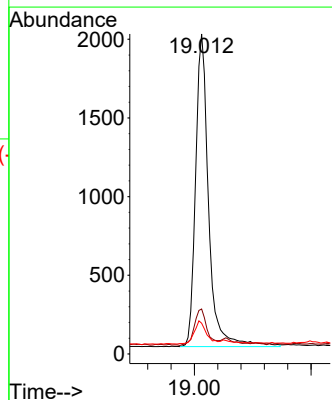
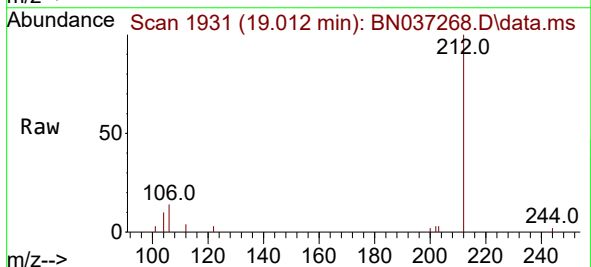
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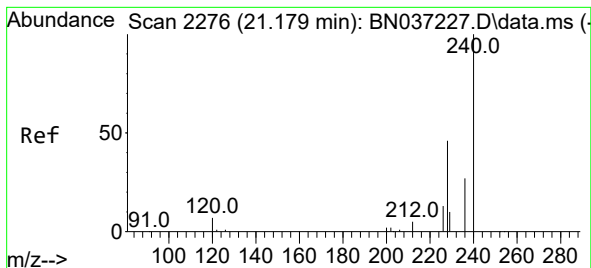
Tgt Ion:188 Resp: 2957
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.004 min
Lab File: BN037268.D
Acq: 14 Jun 2025 18:48

Tgt Ion:212 Resp: 3076
Ion Ratio Lower Upper
212 100
106 11.3 9.3 13.9
104 6.8 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: BN037268.D

Acq: 14 Jun 2025 18:48

Instrument :

BNA_N

ClientSampleId :

RE134D1-20250611

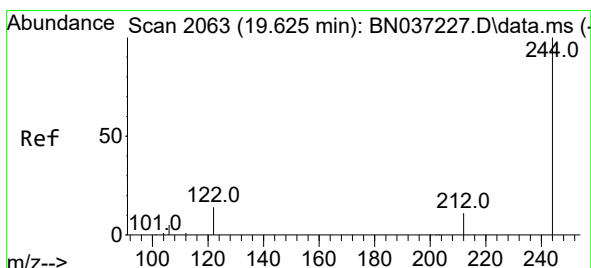
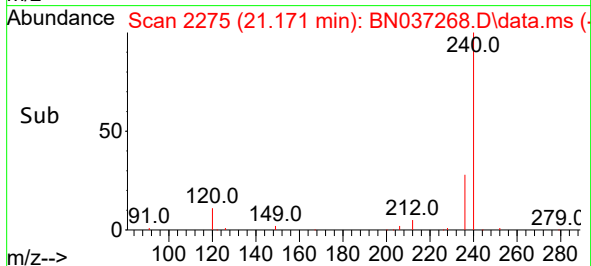
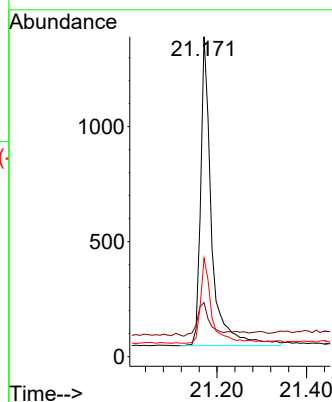
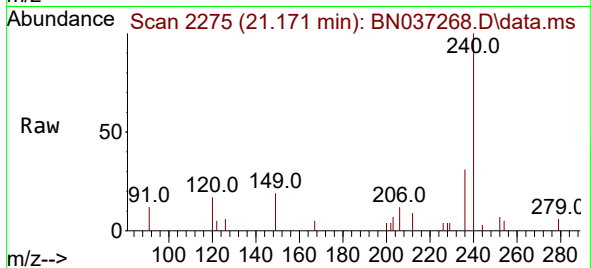
Tgt Ion:240 Resp: 2278

Ion Ratio Lower Upper

240 100

120 16.9 11.3 16.9

236 30.8 24.4 36.6



#31

Terphenyl-d14

Concen: 0.463 ng

RT: 19.616 min Scan# 2061

Delta R.T. -0.009 min

Lab File: BN037268.D

Acq: 14 Jun 2025 18:48

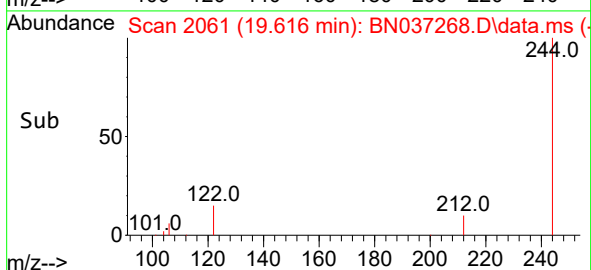
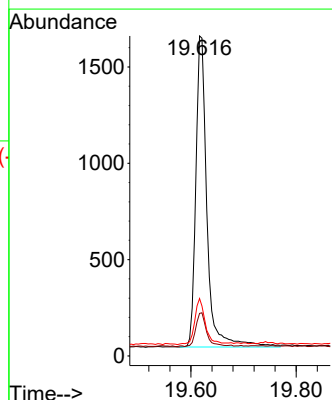
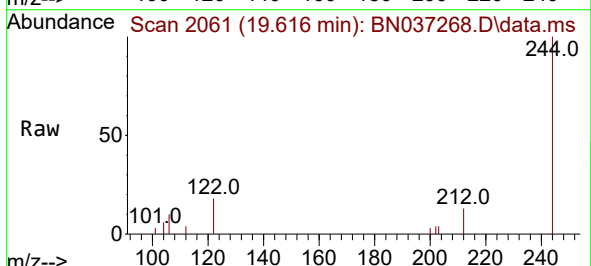
Tgt Ion:244 Resp: 2383

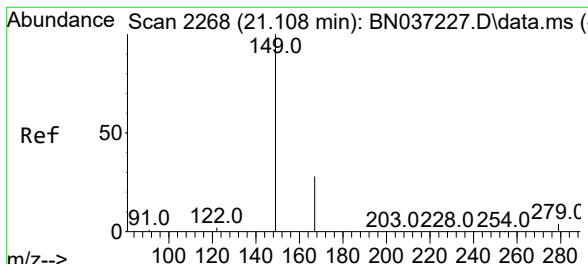
Ion Ratio Lower Upper

244 100

212 13.3 12.2 18.2

122 17.9 14.3 21.5



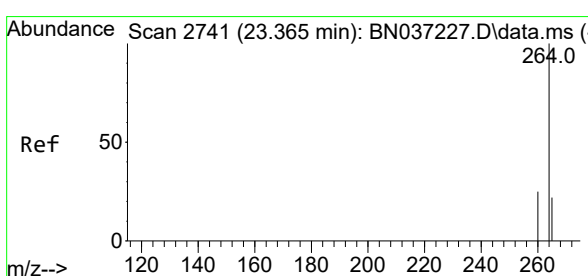
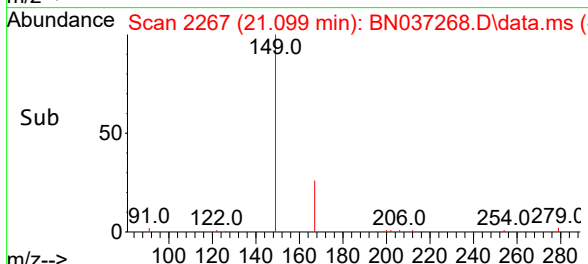
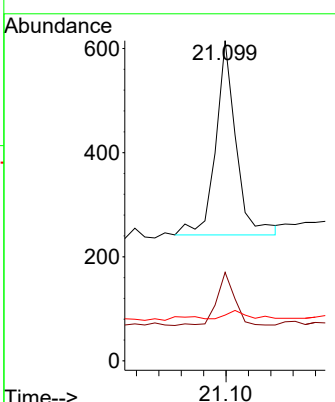
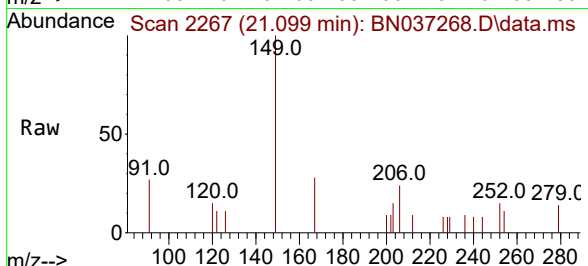


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.099 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037268.D
 Acq: 14 Jun 2025 18:48

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20250611

Tgt Ion:149 Resp: 472

Ion	Ratio	Lower	Upper
149	100		
167	23.9	21.3	31.9
279	4.7	3.3	4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.357 min Scan# 2738
 Delta R.T. -0.009 min
 Lab File: BN037268.D
 Acq: 14 Jun 2025 18:48

Tgt Ion:264 Resp: 2145

Ion	Ratio	Lower	Upper
264	100		
260	28.9	22.8	34.2
265	89.0	66.4	99.6

