

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037248.D
 Acq On : 14 Jun 2025 04:45
 Operator : RC/JU
 Sample : Q2299-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT191D1-20250609

Quant Time: Jun 14 05:57:32 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

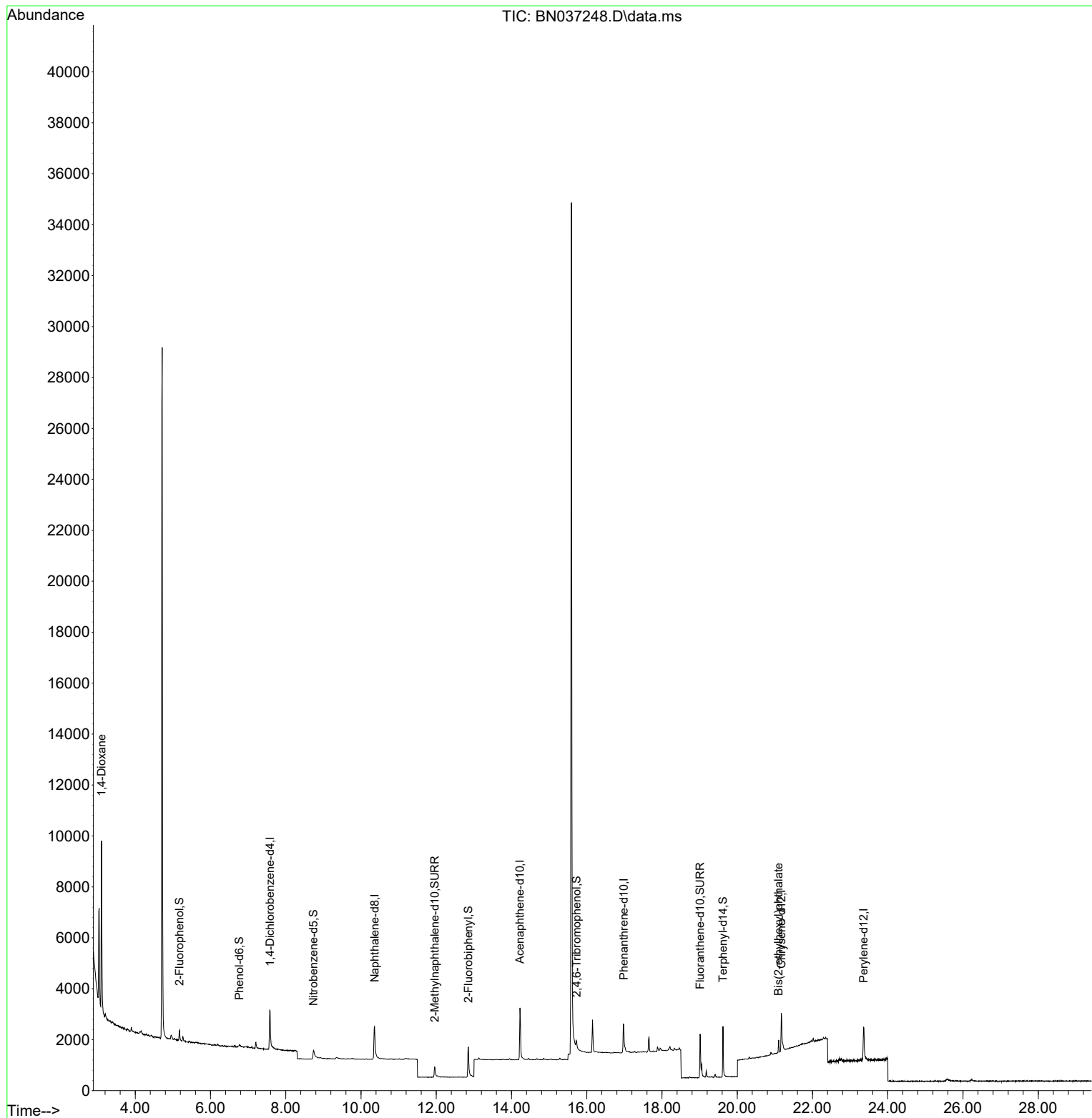
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	959	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	2360	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1260	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	2273	0.400	ng	# 0.01
29) Chrysene-d12	21.171	240	1959	0.400	ng	# 0.00
35) Perylene-d12	23.360	264	2013	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	296	0.126	ng	0.00
5) Phenol-d6	6.766	99	140	0.056	ng	0.00
8) Nitrobenzene-d5	8.739	82	571	0.245	ng	0.01
11) 2-Methylnaphthalene-d10	11.960	152	860	0.272	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	166	0.317	ng	0.00
15) 2-Fluorobiphenyl	12.853	172	1418	0.268	ng	0.00
27) Fluoranthene-d10	19.012	212	2337	0.393	ng	0.00
31) Terphenyl-d14	19.621	244	2103	0.475	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	3037	2.308	ng	92
34) Bis(2-ethylhexyl)phtha...	21.099	149	505	0.103	ng	# 94

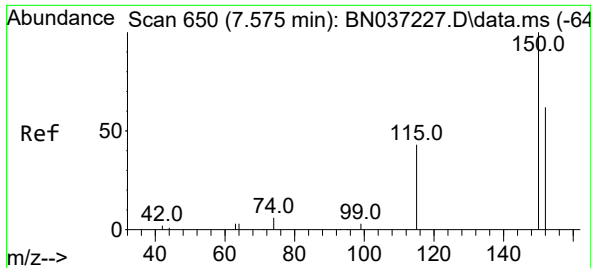
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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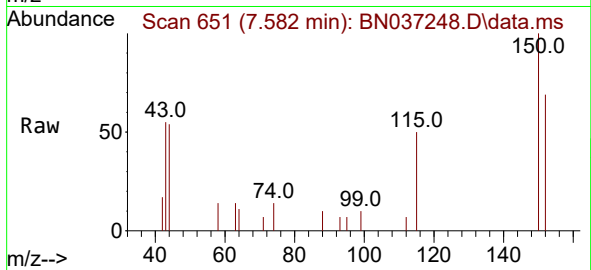
Quant Time: Jun 14 05:57:32 2025
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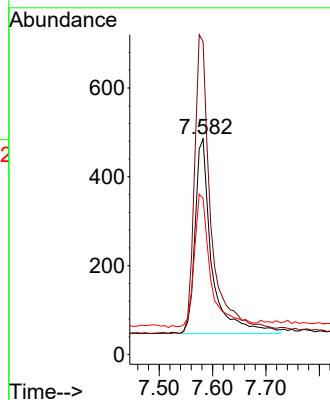
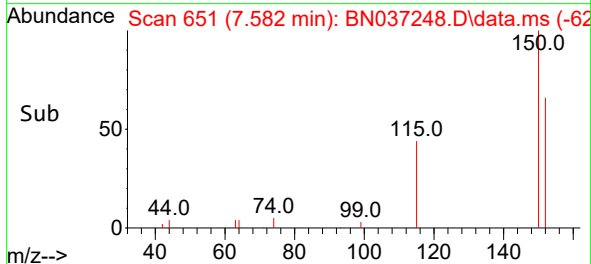


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.582 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN037248.D
 Acq: 14 Jun 2025 04:45

Instrument :
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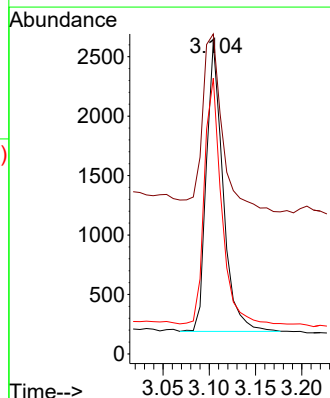
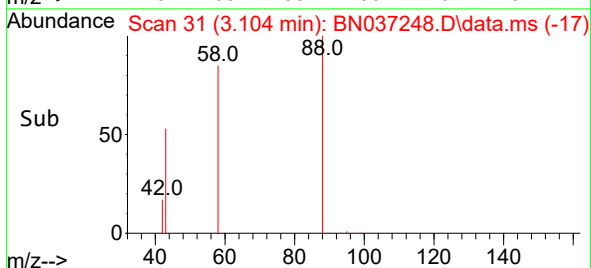
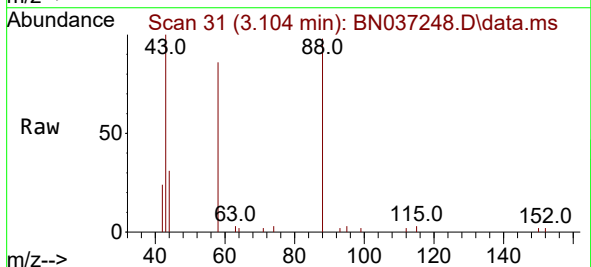


Tgt Ion:152 Resp: 959
 Ion Ratio Lower Upper
 152 100
 150 145.2 125.2 187.8
 115 72.4 58.4 87.6



#2
 1,4-Dioxane
 Concen: 2.308 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037248.D
 Acq: 14 Jun 2025 04:45

Tgt Ion: 88 Resp: 3037
 Ion Ratio Lower Upper
 88 100
 43 75.1 52.6 79.0
 58 87.5 73.5 110.3

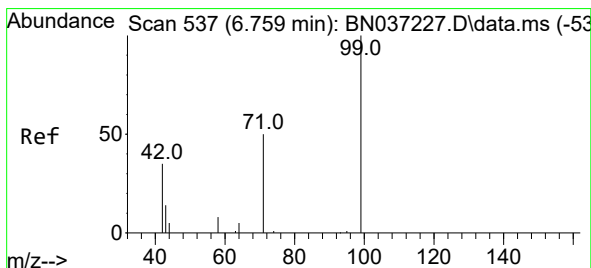
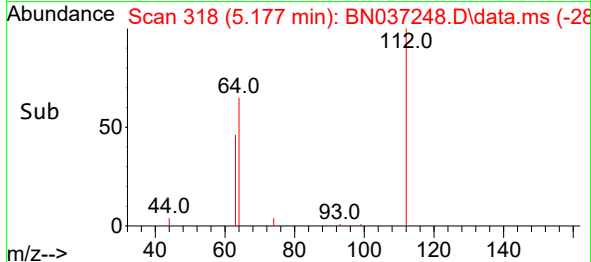
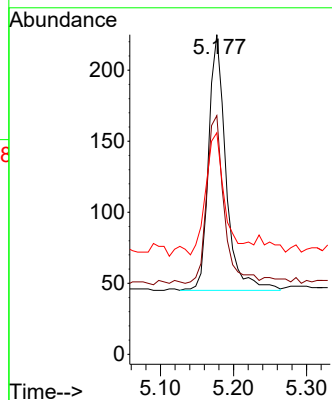
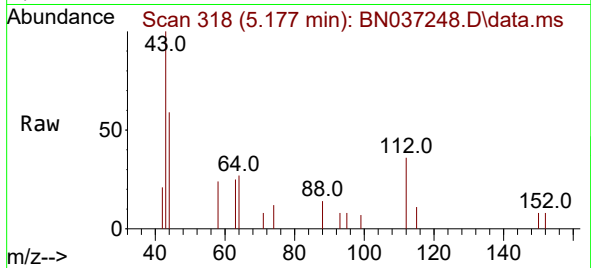




#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037248.D
Acq: 14 Jun 2025 04:45

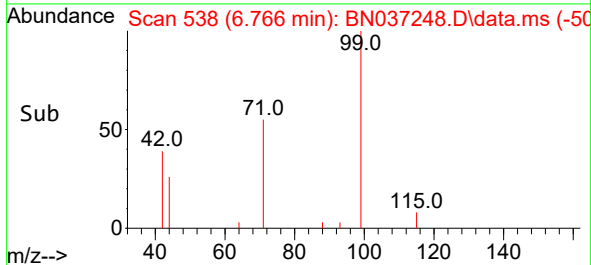
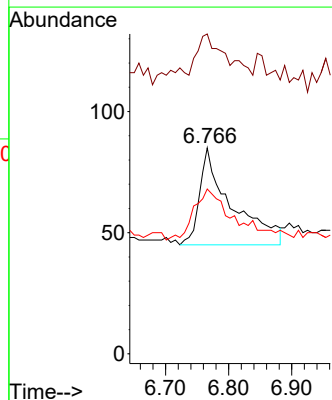
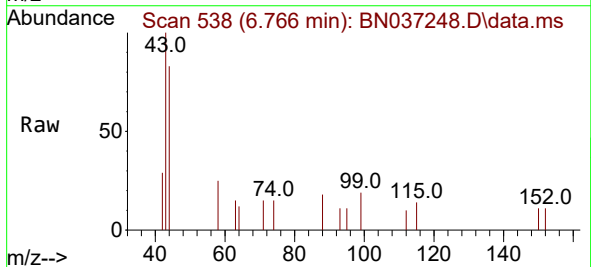
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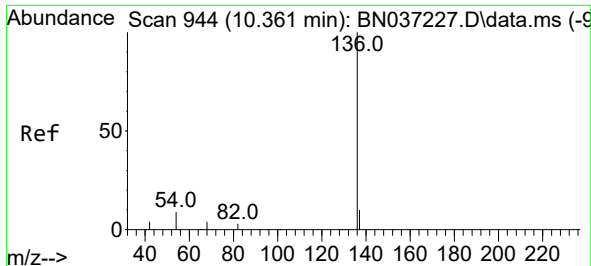
Tgt Ion:112 Resp: 296
Ion Ratio Lower Upper
112 100
64 65.2 57.2 85.8
63 50.7 39.8 59.6



#5
Phenol-d6
Concen: 0.056 ng
RT: 6.766 min Scan# 538
Delta R.T. 0.007 min
Lab File: BN037248.D
Acq: 14 Jun 2025 04:45

Tgt Ion: 99 Resp: 140
Ion Ratio Lower Upper
99 100
42 39.3 36.2 54.4
71 58.6 42.4 63.6

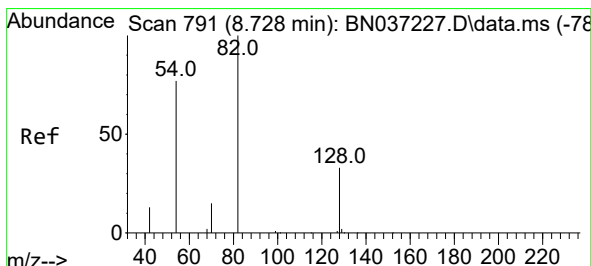
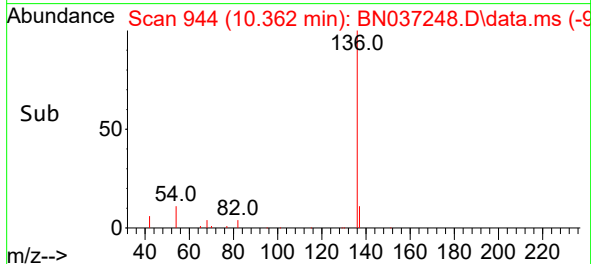
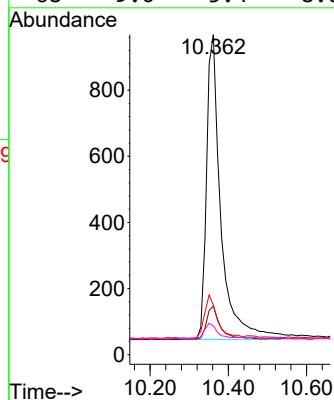
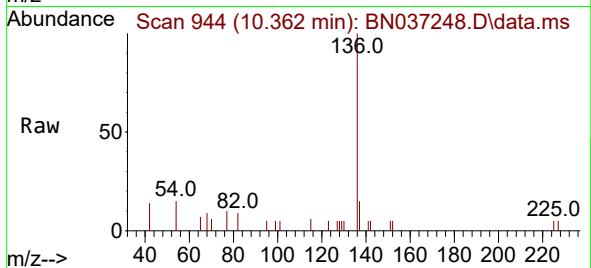




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN037248.D
Acq: 14 Jun 2025 04:45

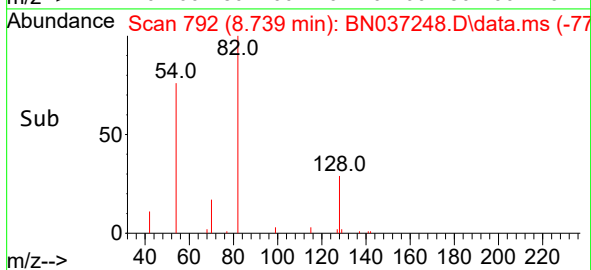
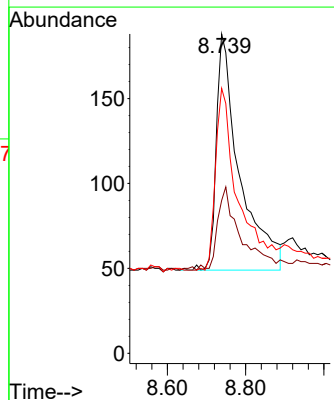
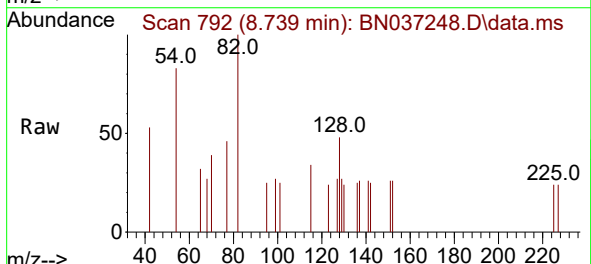
Instrument :
BNA_N
ClientSampleId :
TT191D1-20250609

Tgt Ion:	136	Resp:	2360
Ion	Ratio	Lower	Upper
136	100		
137	15.2	10.6	15.8
54	15.5	9.2	13.8#
68	9.0	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.245 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.011 min
Lab File: BN037248.D
Acq: 14 Jun 2025 04:45

Tgt Ion:	82	Resp:	571
Ion	Ratio	Lower	Upper
82	100		
128	47.9	31.2	46.8#
54	83.0	63.3	94.9





#11

2-Methylnaphthalene-d10

Concen: 0.272 ng

RT: 11.960 min Scan# 1141

Delta R.T. 0.005 min

Lab File: BN037248.D

Acq: 14 Jun 2025 04:45

Instrument :

BNA_N

ClientSampleId :

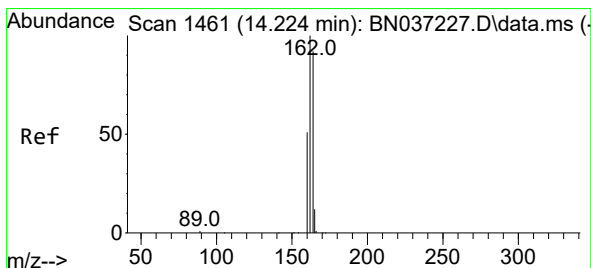
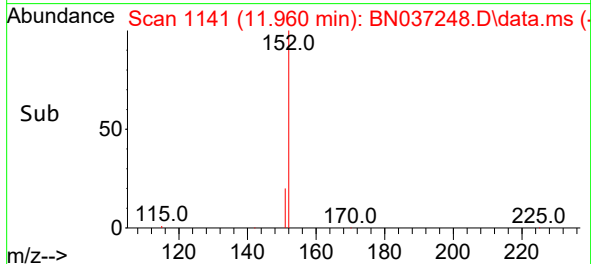
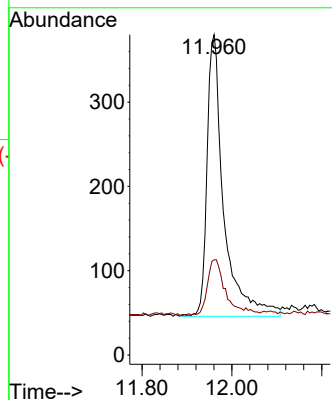
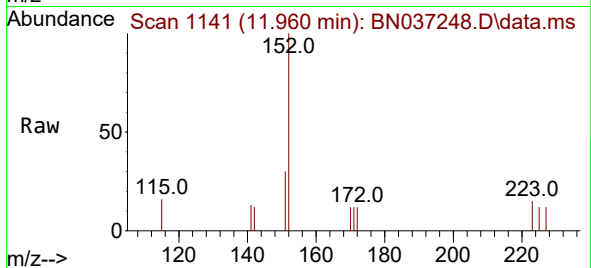
TT191D1-20250609

Tgt Ion:152 Resp: 860

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: BN037248.D

Acq: 14 Jun 2025 04:45

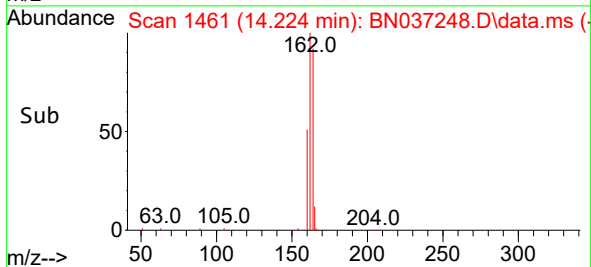
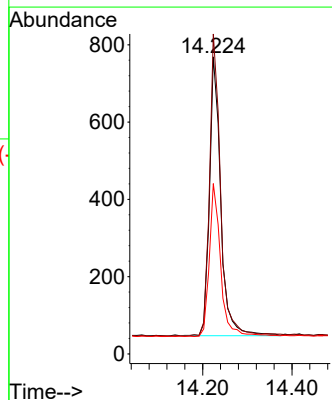
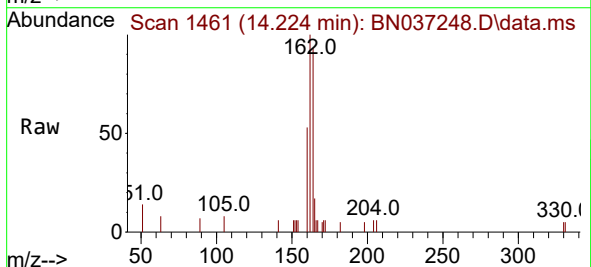
Tgt Ion:164 Resp: 1260

Ion Ratio Lower Upper

164 100

162 107.7 86.7 130.1

160 57.3 45.8 68.6

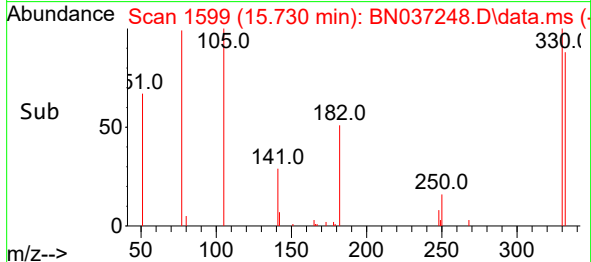
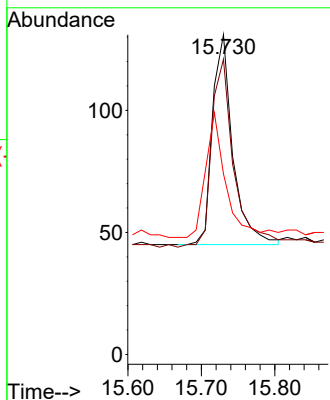
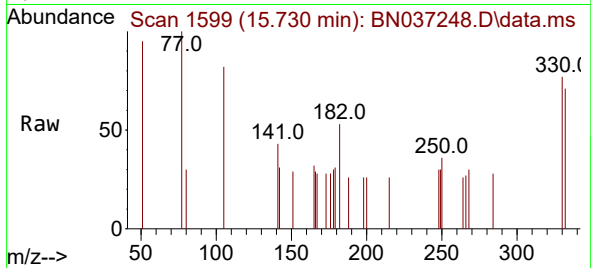




#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.730 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037248.D
Acq: 14 Jun 2025 04:45

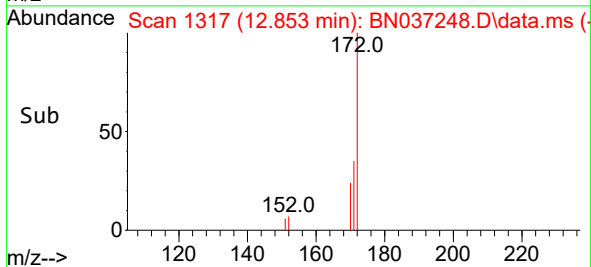
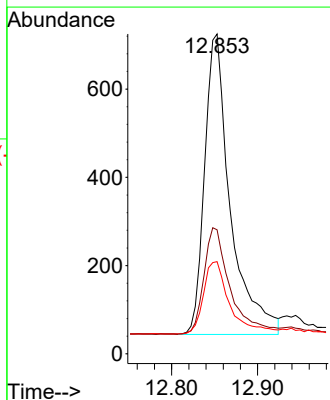
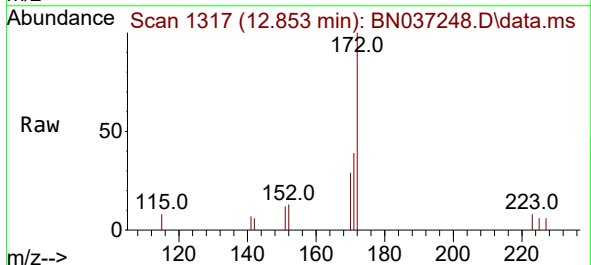
Instrument :
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ClientSampleId :
TT191D1-20250609

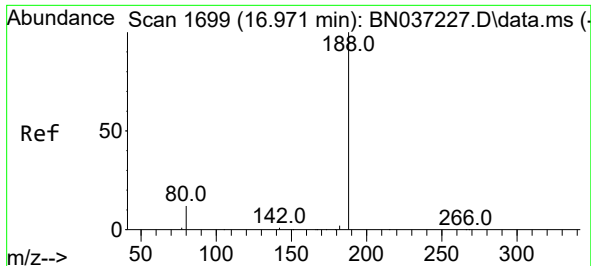
Tgt Ion: 330 Resp: 166
Ion Ratio Lower Upper
330 100
332 104.8 74.9 112.3
141 59.6 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 12.853 min Scan# 1317
Delta R.T. 0.005 min
Lab File: BN037248.D
Acq: 14 Jun 2025 04:45

Tgt Ion: 172 Resp: 1418
Ion Ratio Lower Upper
172 100
171 38.8 29.8 44.8
170 28.8 21.1 31.7

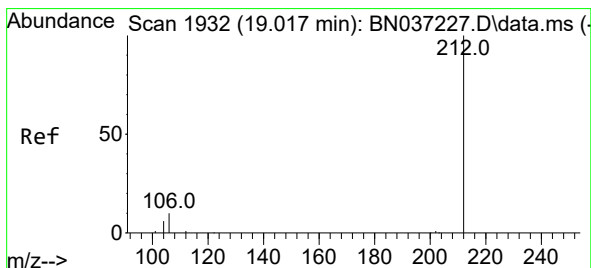
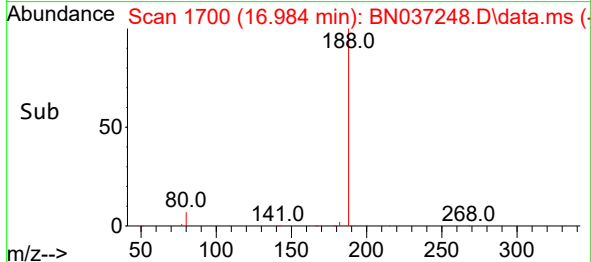
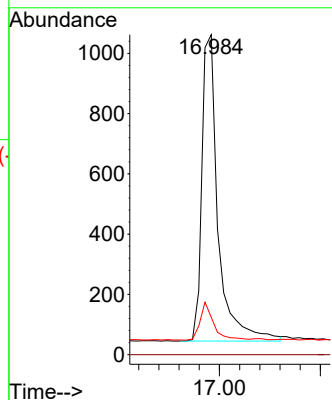
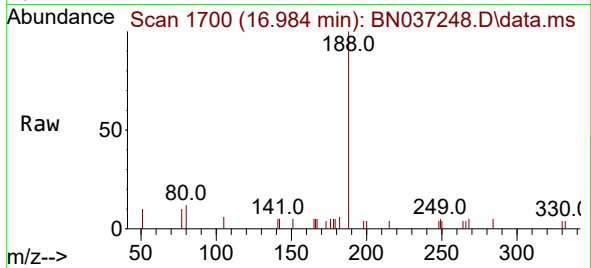




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN037248.D
Acq: 14 Jun 2025 04:45

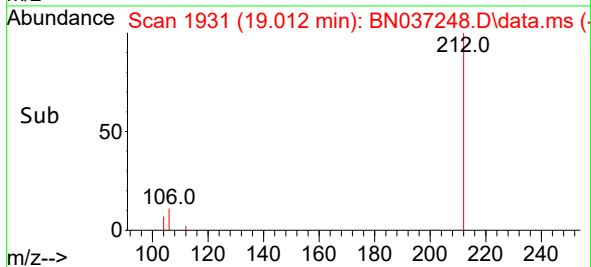
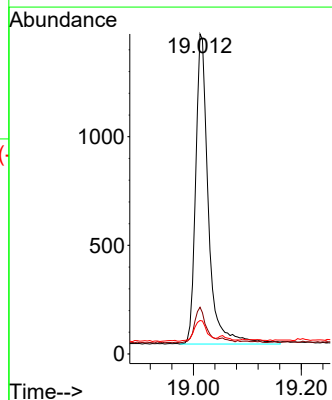
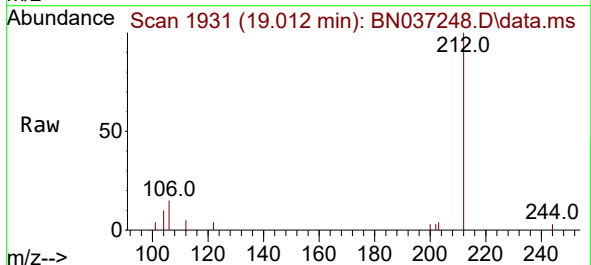
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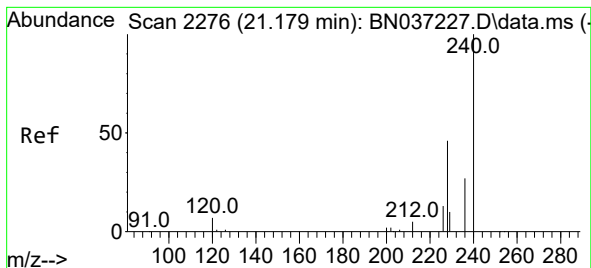
Tgt Ion:188 Resp: 2273
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 12.2 18.4#



#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037248.D
Acq: 14 Jun 2025 04:45

Tgt Ion:212 Resp: 2337
Ion Ratio Lower Upper
212 100
106 10.3 9.3 13.9
104 6.7 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: BN037248.D

Acq: 14 Jun 2025 04:45

Instrument :

BNA_N

ClientSampleId :

TT191D1-20250609

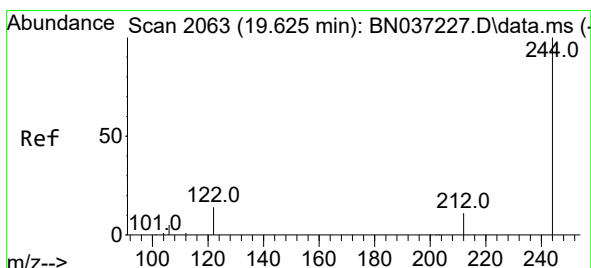
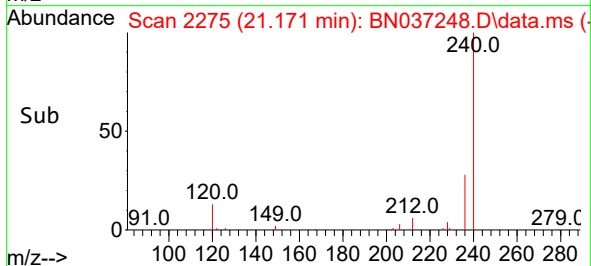
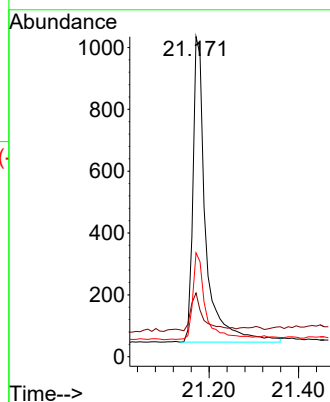
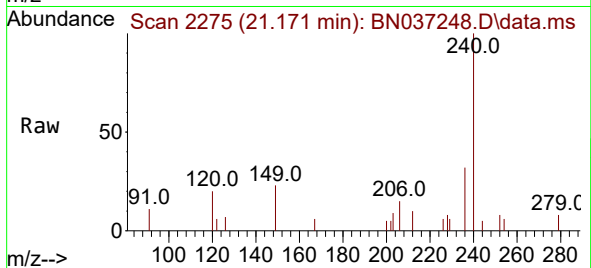
Tgt Ion:240 Resp: 1959

Ion Ratio Lower Upper

240 100

120 19.9 11.3 16.9#

236 32.5 24.4 36.6



#31

Terphenyl-d14

Concen: 0.475 ng

RT: 19.621 min Scan# 2062

Delta R.T. -0.005 min

Lab File: BN037248.D

Acq: 14 Jun 2025 04:45

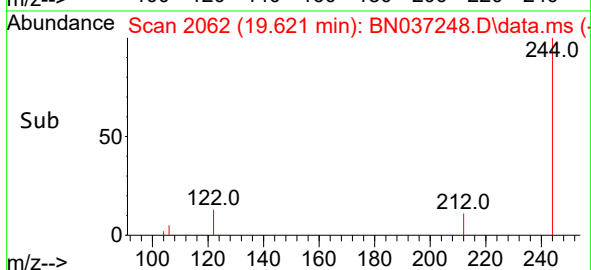
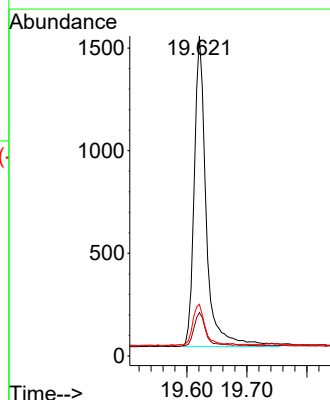
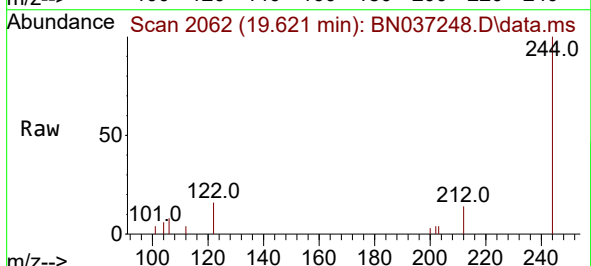
Tgt Ion:244 Resp: 2103

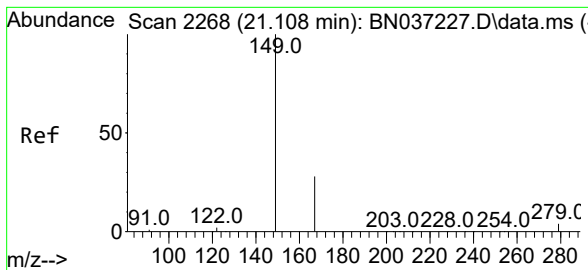
Ion Ratio Lower Upper

244 100

212 13.5 12.2 18.2

122 16.2 14.3 21.5

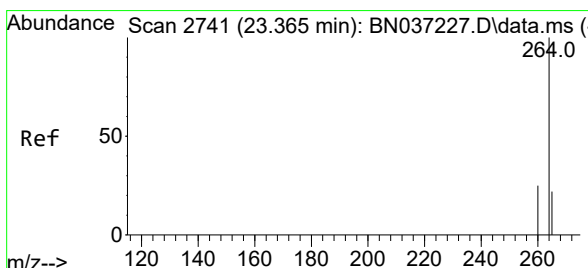
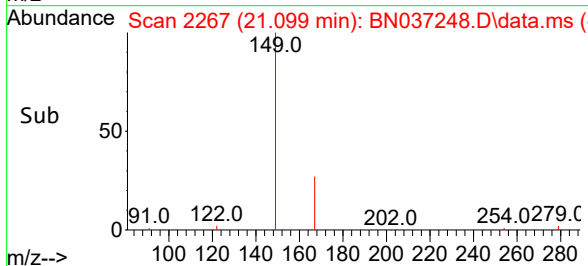
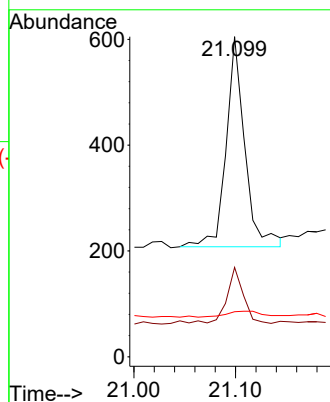
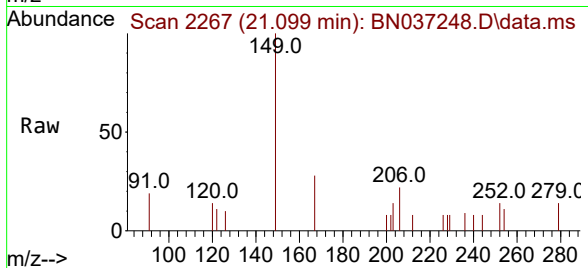




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.103 ng
 RT: 21.099 min Scan# 2109
 Delta R.T. -0.009 min
 Lab File: BN037248.D
 Acq: 14 Jun 2025 04:45

Instrument :
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 ClientSampleId :
 TT191D1-20250609

Tgt Ion:149 Resp: 505
 Ion Ratio Lower Upper
 149 100
 167 23.4 21.3 31.9
 279 5.3 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: BN037248.D
 Acq: 14 Jun 2025 04:45

Tgt Ion:264 Resp: 2013
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.8 34.2
 265 83.4 66.4 99.6

