

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037264.D
 Acq On : 14 Jun 2025 16:23
 Operator : RC/JU
 Sample : Q2299-17
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250610

Quant Time: Jun 16 02:43:41 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)

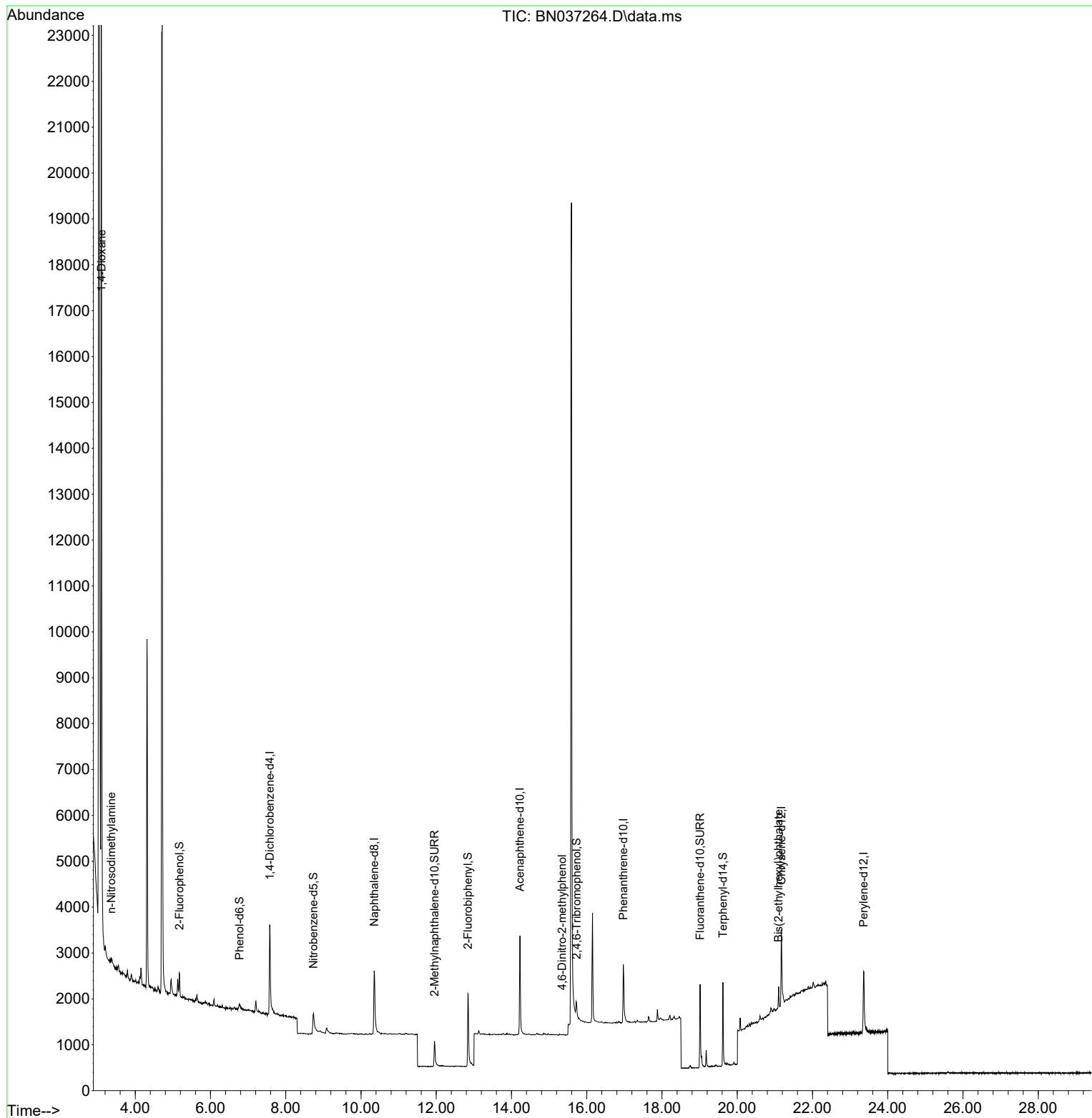
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1012	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2458	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1295	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2300	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2027	0.400	ng	# 0.00
35) Perylene-d12	23.360	264	2087	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	366	0.147	ng	0.00
5) Phenol-d6	6.773	99	168	0.064	ng	0.01
8) Nitrobenzene-d5	8.739	82	701	0.289	ng	0.01
11) 2-Methylnaphthalene-d10	11.955	152	1060	0.321	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	199	0.370	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	1753	0.322	ng	0.00
27) Fluoranthene-d10	19.012	212	2488	0.413	ng	0.00
31) Terphenyl-d14	19.621	244	1883	0.411	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	9353	6.736	ng	Qvalue 97
3) n-Nitrosodimethylamine	3.364	42	144	0.046	ng	# 26
20) 4,6-Dinitro-2-methylph...	15.346	198	1	0.118	ng	# 17
34) Bis(2-ethylhexyl)phtha...	21.099	149	448	0.088	ng	# 96

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

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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
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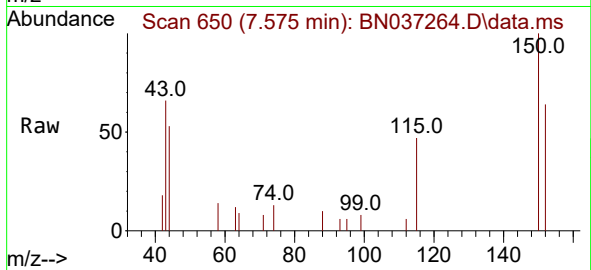
Quant Time: Jun 16 02:43:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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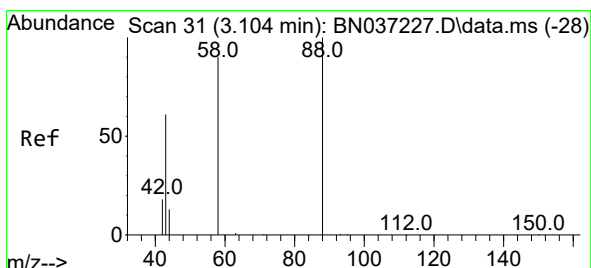
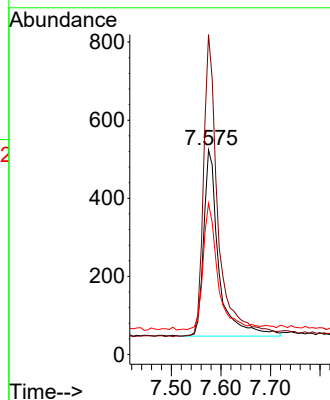
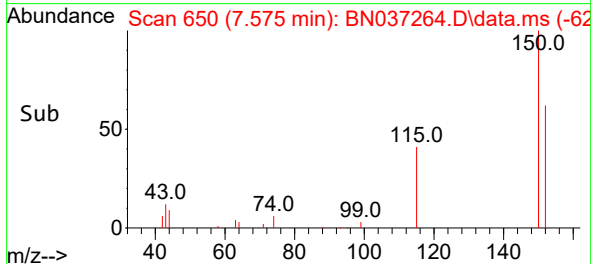


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037264.D
 Acq: 14 Jun 2025 16:23

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250610

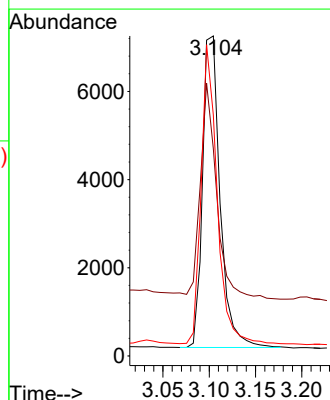
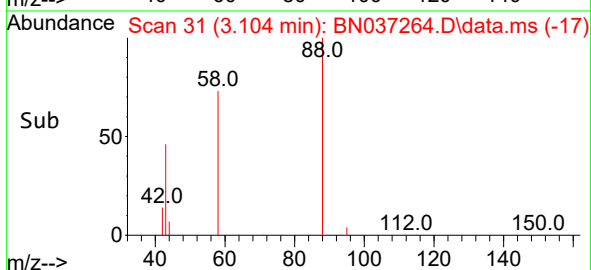
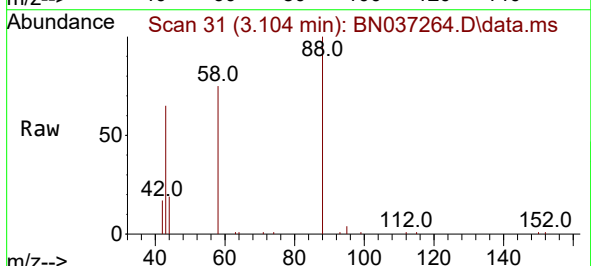


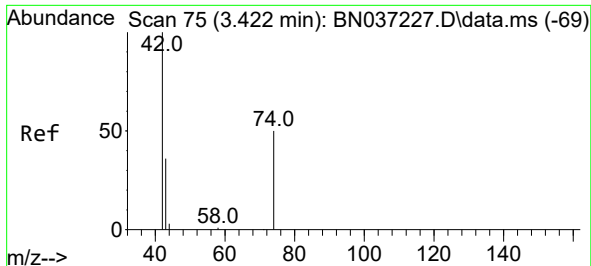
Tgt Ion:152 Resp: 1012
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.2 187.8
 115 73.9 58.4 87.6



#2
 1,4-Dioxane
 Concen: 6.736 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037264.D
 Acq: 14 Jun 2025 16:23

Tgt Ion: 88 Resp: 9353
 Ion Ratio Lower Upper
 88 100
 43 65.5 52.6 79.0
 58 86.6 73.5 110.3

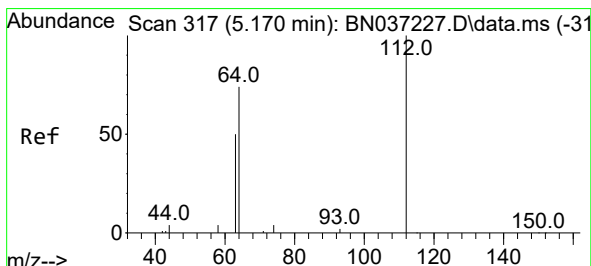
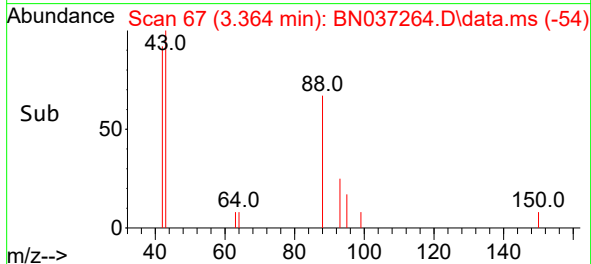
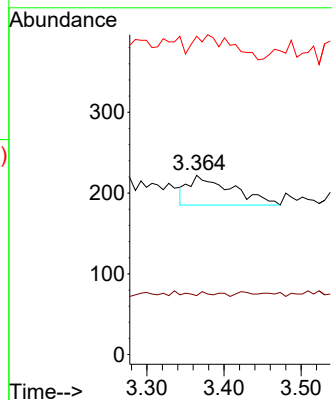
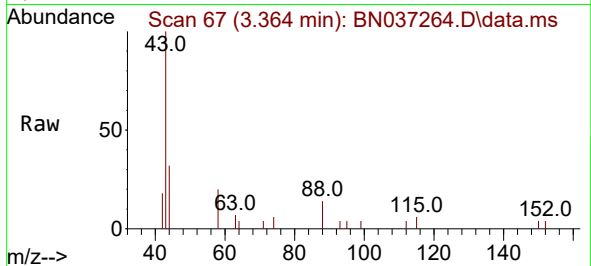




#3
 n-Nitrosodimethylamine
 Concen: 0.046 ng
 RT: 3.364 min Scan# 61
 Delta R.T. -0.058 min
 Lab File: BN037264.D
 Acq: 14 Jun 2025 16:23

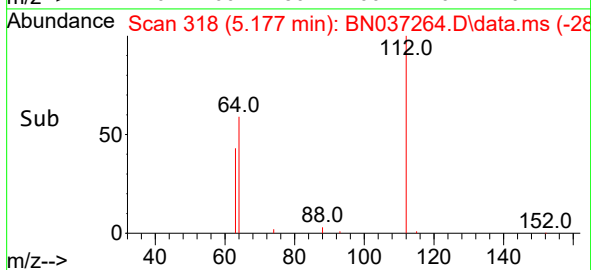
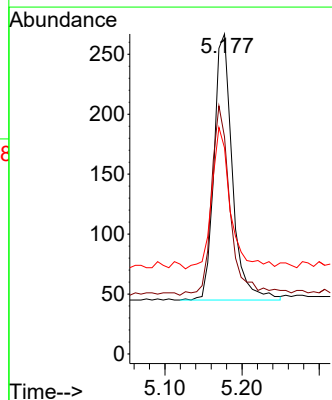
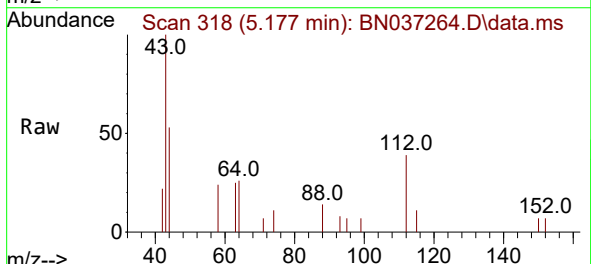
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250610

Tgt Ion: 42 Resp: 144
 Ion Ratio Lower Upper
 42 100
 74 2.1 44.6 66.8#
 44 30.6 3.5 5.3#



#4
 2-Fluorophenol
 Concen: 0.147 ng
 RT: 5.177 min Scan# 318
 Delta R.T. 0.007 min
 Lab File: BN037264.D
 Acq: 14 Jun 2025 16:23

Tgt Ion: 112 Resp: 366
 Ion Ratio Lower Upper
 112 100
 64 73.8 57.2 85.8
 63 54.1 39.8 59.6

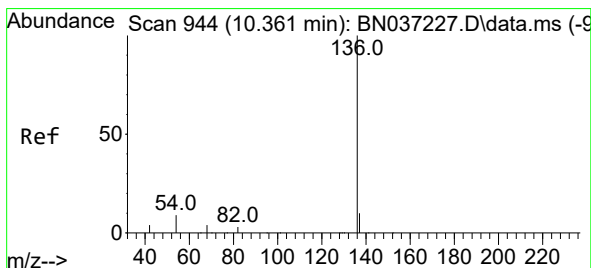
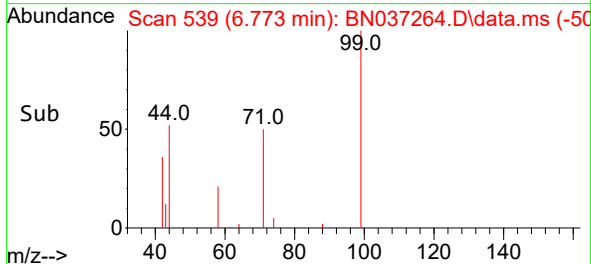
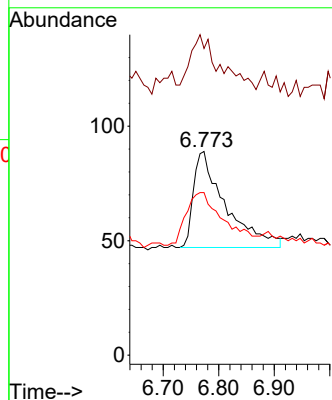
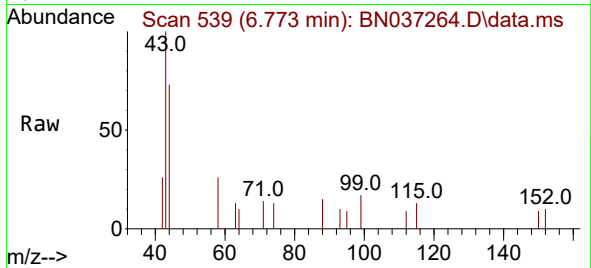




#5
Phenol-d6
Concen: 0.064 ng
RT: 6.773 min Scan# 51
Delta R.T. 0.015 min
Lab File: BN037264.D
Acq: 14 Jun 2025 16:23

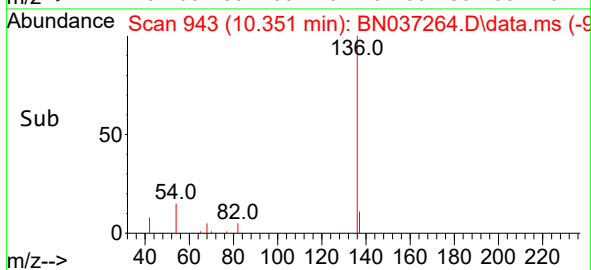
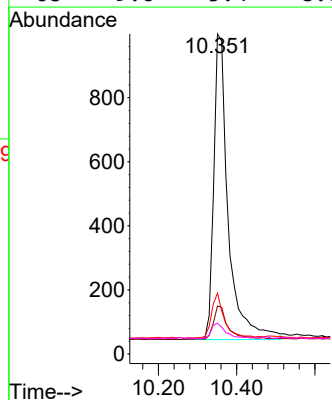
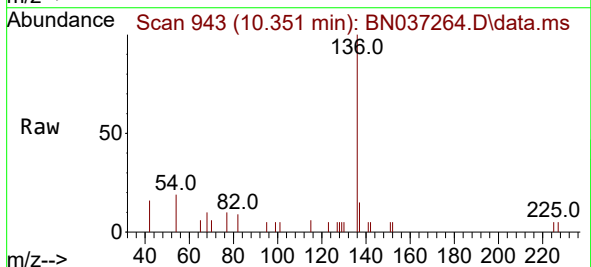
Instrument :
BNA_N
ClientSampleId :
RE134D3-20250610

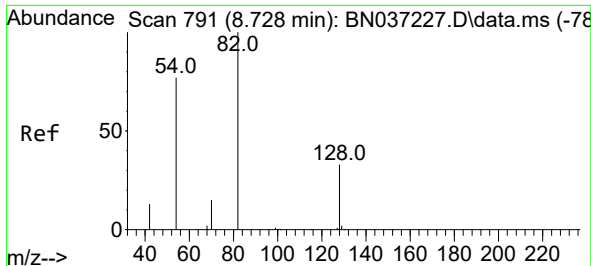
Tgt Ion: 99 Resp: 168
Ion Ratio Lower Upper
99 100
42 53.6 36.2 54.4
71 63.7 42.4 63.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN037264.D
Acq: 14 Jun 2025 16:23

Tgt Ion: 136 Resp: 2458
Ion Ratio Lower Upper
136 100
137 15.0 10.6 15.8
54 19.0 9.2 13.8#
68 9.6 5.4 8.0#

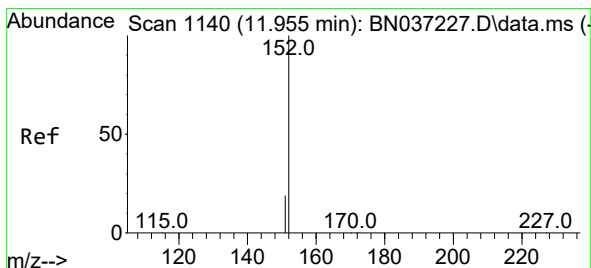
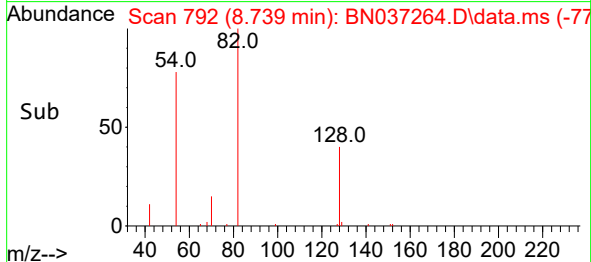
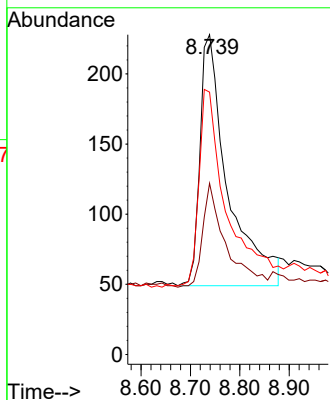
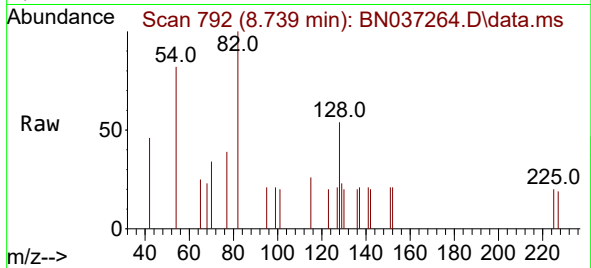




#8
 Nitrobenzene-d5
 Concen: 0.289 ng
 RT: 8.739 min Scan# 791
 Delta R.T. 0.011 min
 Lab File: BN037264.D
 Acq: 14 Jun 2025 16:23

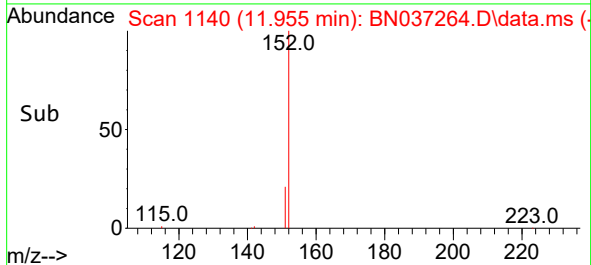
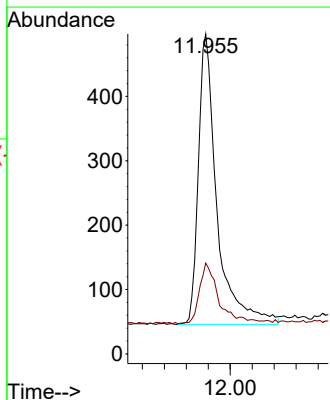
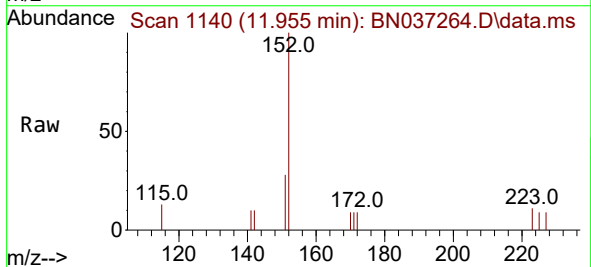
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250610

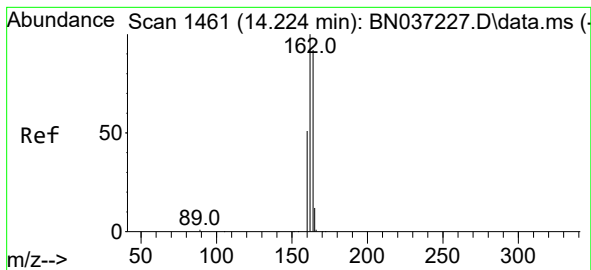
Tgt Ion: 82 Resp: 701
 Ion Ratio Lower Upper
 82 100
 128 53.5 31.2 46.8#
 54 82.0 63.3 94.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.321 ng
 RT: 11.955 min Scan# 1140
 Delta R.T. 0.000 min
 Lab File: BN037264.D
 Acq: 14 Jun 2025 16:23

Tgt Ion:152 Resp: 1060
 Ion Ratio Lower Upper
 152 100
 151 21.7 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: BN037264.D

Acq: 14 Jun 2025 16:23

Instrument :

BNA_N

ClientSampleId :

RE134D3-20250610

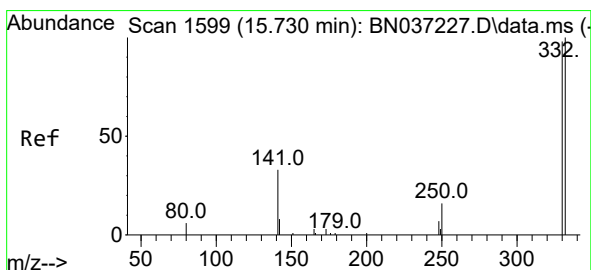
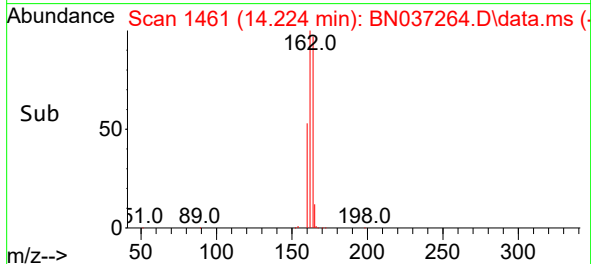
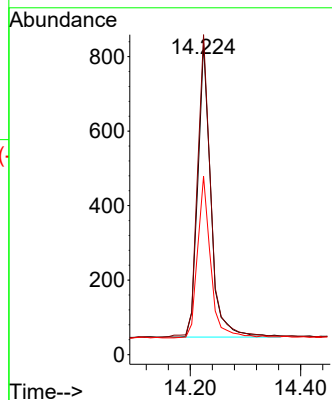
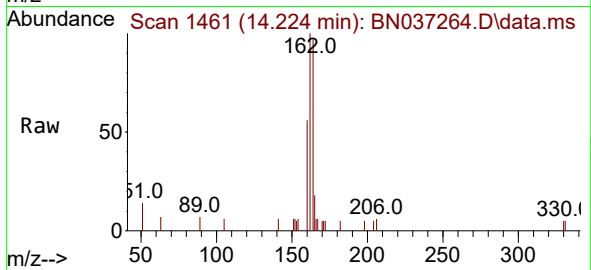
Tgt Ion:164 Resp: 1295

Ion Ratio Lower Upper

164 100

162 102.8 86.7 130.1

160 57.3 45.8 68.6



#14

2,4,6-Tribromophenol

Concen: 0.370 ng

RT: 15.730 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BN037264.D

Acq: 14 Jun 2025 16:23

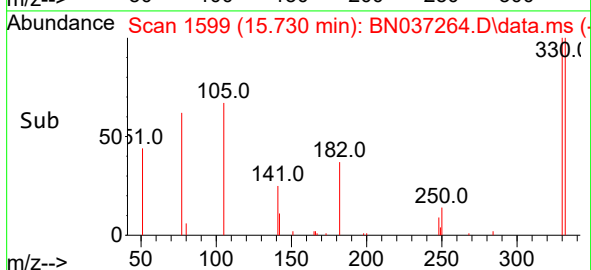
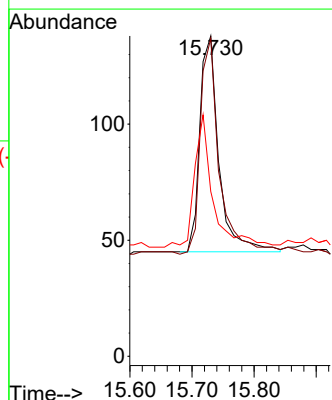
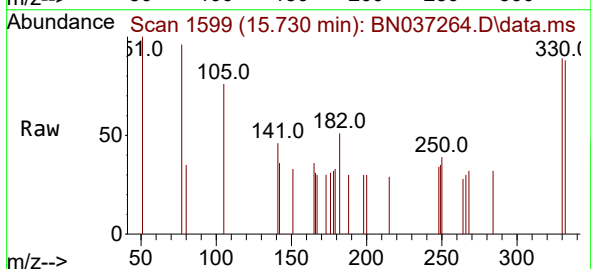
Tgt Ion:330 Resp: 199

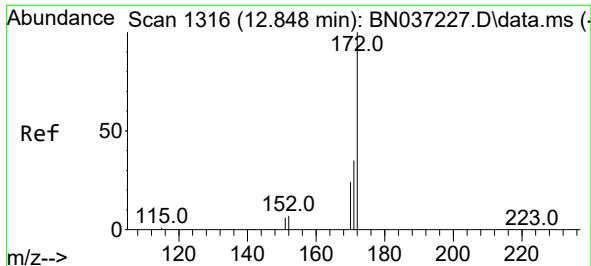
Ion Ratio Lower Upper

330 100

332 103.0 74.9 112.3

141 59.3 45.1 67.7

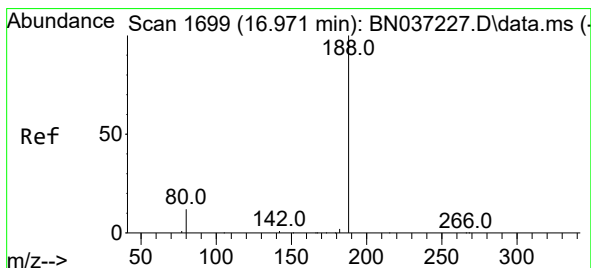
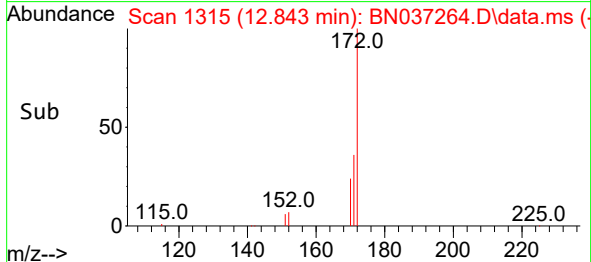
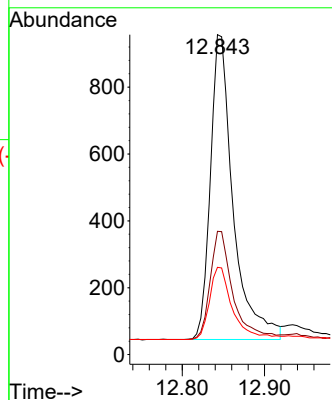
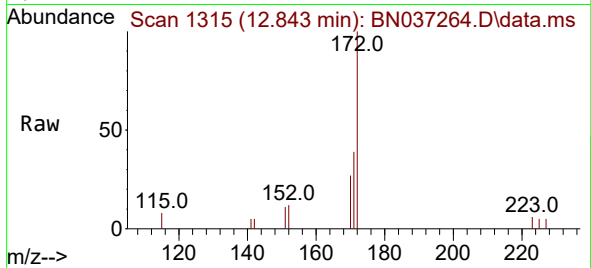




#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 12.843 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037264.D
Acq: 14 Jun 2025 16:23

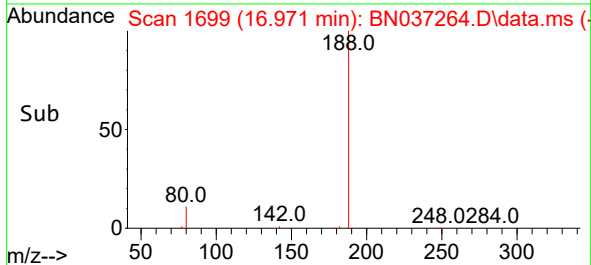
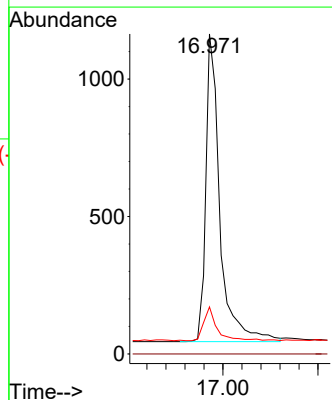
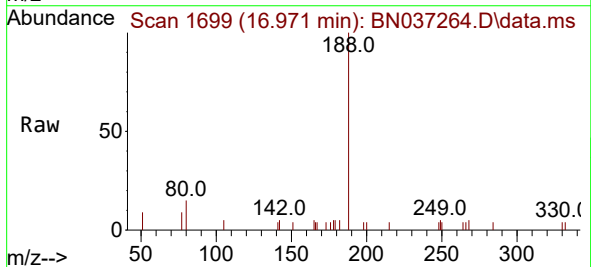
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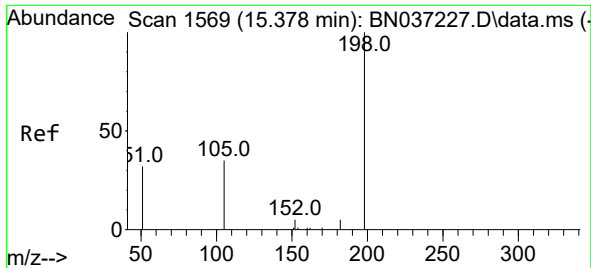
Tgt Ion:172	Resp:	1753
Ion	Ratio	Lower Upper
172	100	
171	38.6	29.8 44.8
170	27.3	21.1 31.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037264.D
Acq: 14 Jun 2025 16:23

Tgt Ion:188	Resp:	2300
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	14.7	12.2 18.4

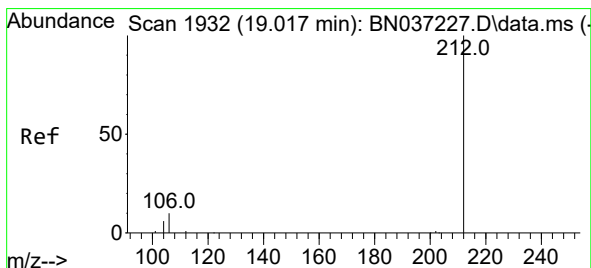
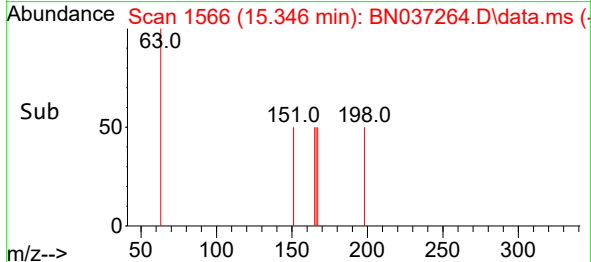
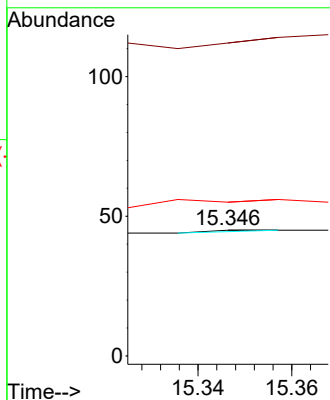
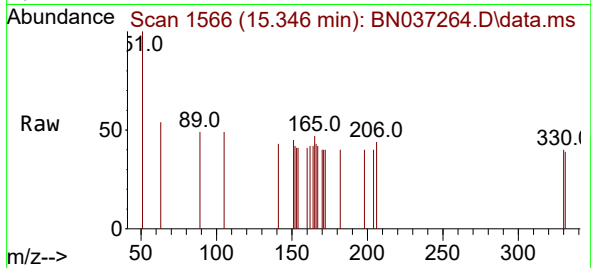




#20
4,6-Dinitro-2-methylphenol
Concen: 0.118 ng
RT: 15.346 min Scan# 11
Delta R.T. -0.032 min
Lab File: BN037264.D
Acq: 14 Jun 2025 16:23

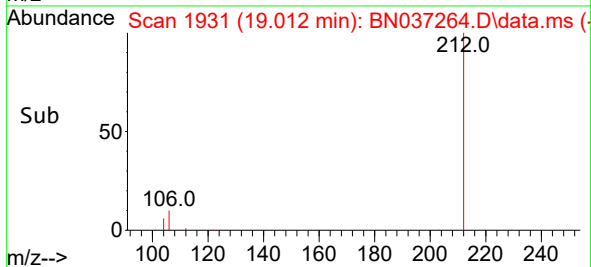
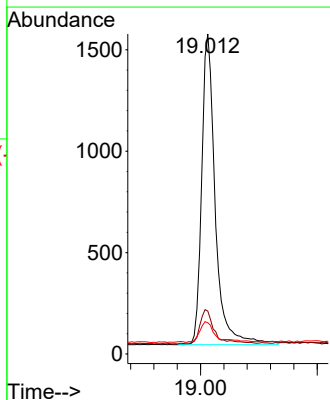
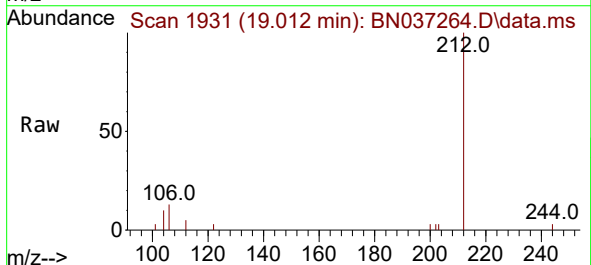
Instrument :
BNA_N
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RE134D3-20250610

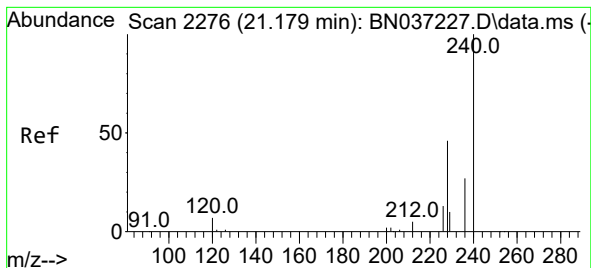
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 248.9 111.2 166.8#
105 122.2 54.0 81.0#



#27
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.004 min
Lab File: BN037264.D
Acq: 14 Jun 2025 16:23

Tgt Ion:212 Resp: 2488
Ion Ratio Lower Upper
212 100
106 11.8 9.3 13.9
104 7.9 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: BN037264.D

Acq: 14 Jun 2025 16:23

Instrument :

BNA_N

ClientSampleId :

RE134D3-20250610

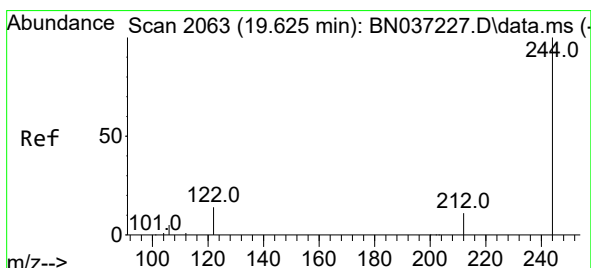
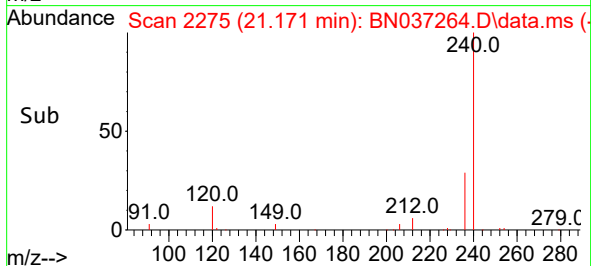
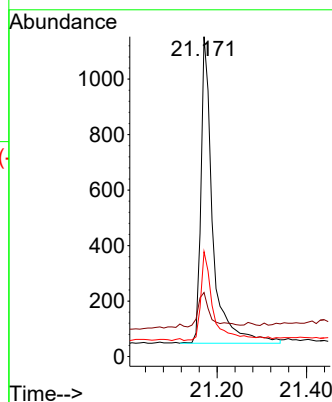
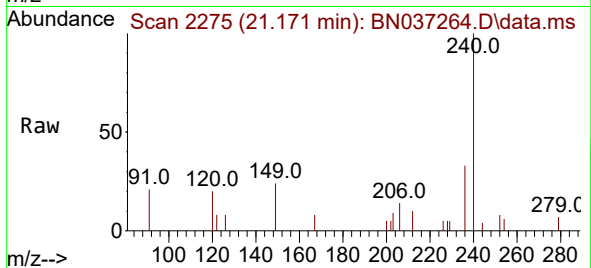
Tgt Ion:240 Resp: 2027

Ion Ratio Lower Upper

240 100

120 20.0 11.3 16.9#

236 32.8 24.4 36.6



#31

Terphenyl-d14

Concen: 0.411 ng

RT: 19.621 min Scan# 2062

Delta R.T. -0.004 min

Lab File: BN037264.D

Acq: 14 Jun 2025 16:23

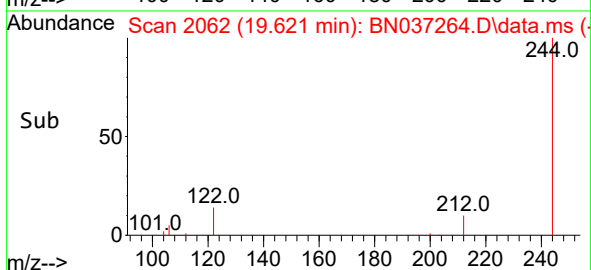
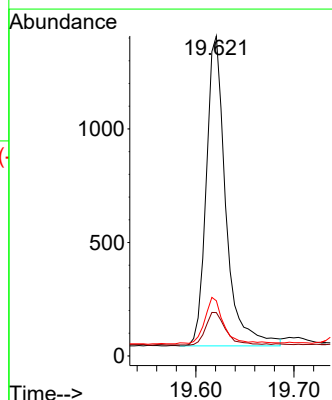
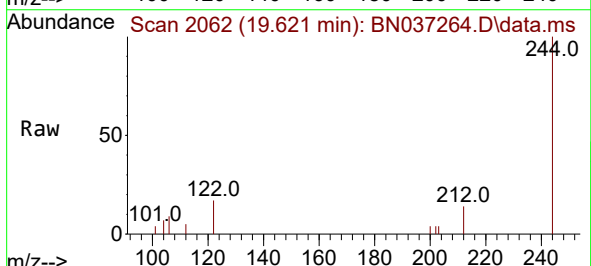
Tgt Ion:244 Resp: 1883

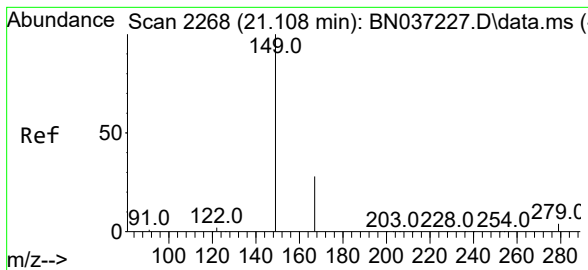
Ion Ratio Lower Upper

244 100

212 13.6 12.2 18.2

122 17.2 14.3 21.5

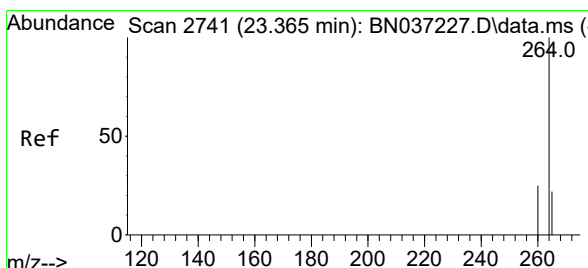
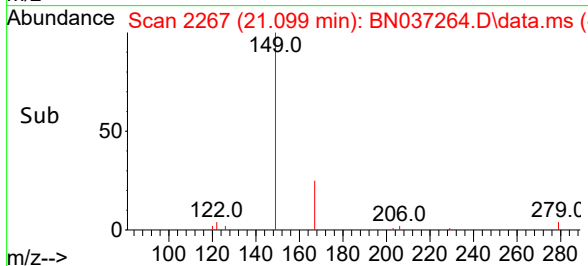
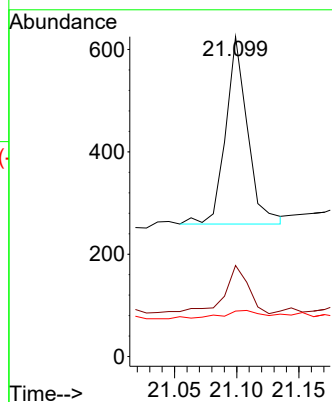
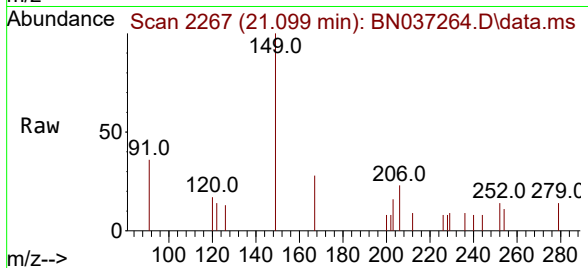




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 21.099 min Scan# 2109
 Delta R.T. -0.009 min
 Lab File: BN037264.D
 Acq: 14 Jun 2025 16:23

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20250610

Tgt Ion:149 Resp: 448
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.3 31.9
 279 8.0 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: BN037264.D
 Acq: 14 Jun 2025 16:23

Tgt Ion:264 Resp: 2087
 Ion Ratio Lower Upper
 264 100
 260 28.8 22.8 34.2
 265 85.3 66.4 99.6

