

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)

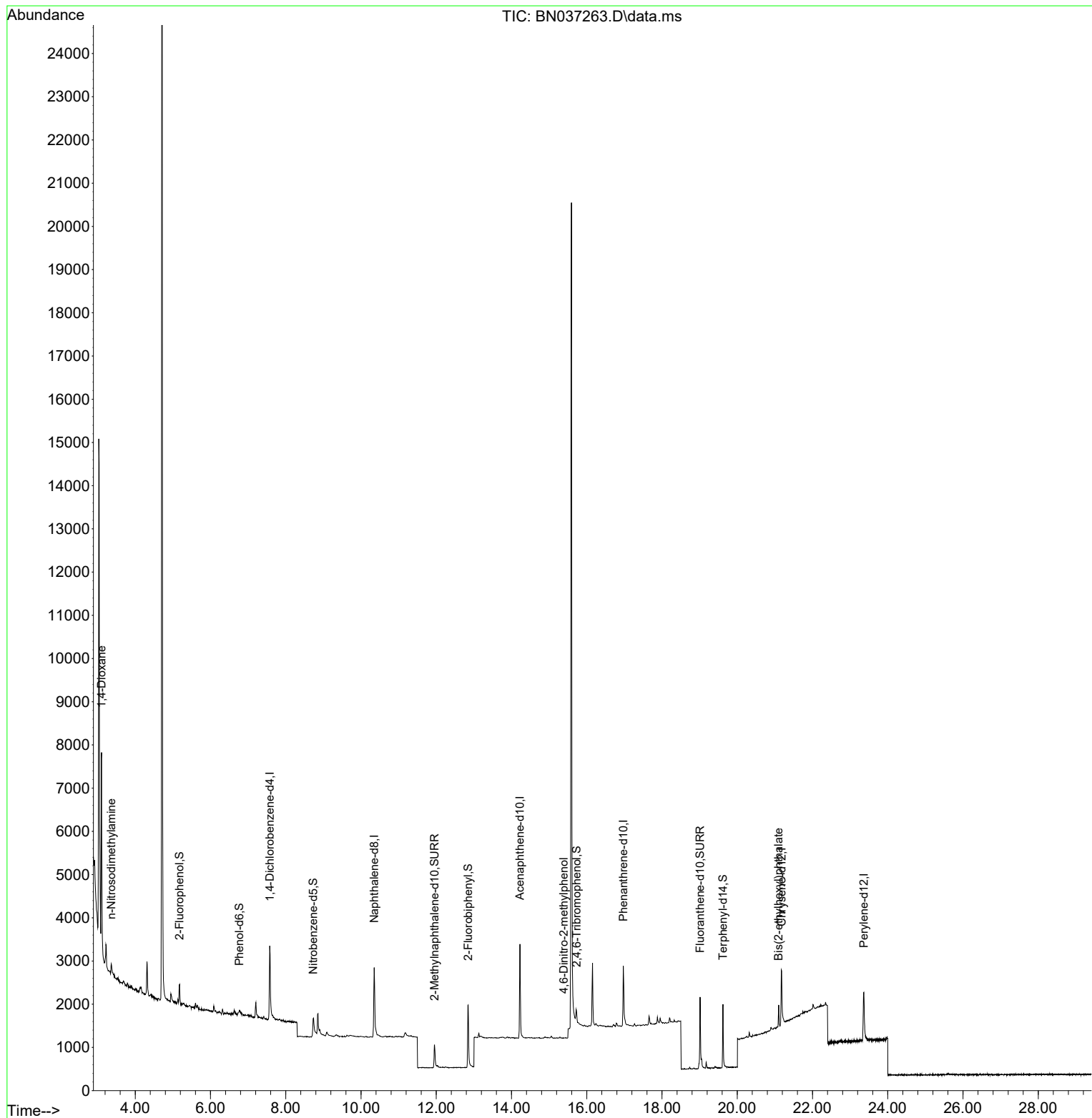
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	977	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2442	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1265	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2241	0.400	ng	0.00
29) Chrysene-d12	21.180	240	1763	0.400	ng	0.00
35) Perylene-d12	23.363	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
3) n-Nitrosodimethylamine	3.365	42	106	0.035	ng	# 28
20) 4,6-Dinitro-2-methylph...	15.389	198	2	0.120	ng	# 29
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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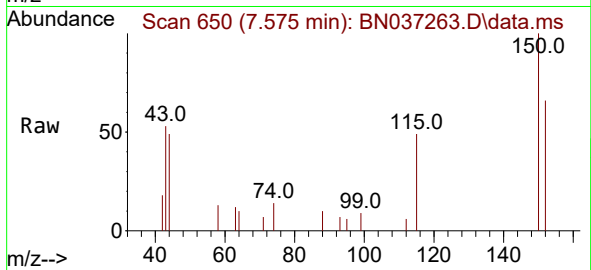
Quant Time: Jun 16 02:43:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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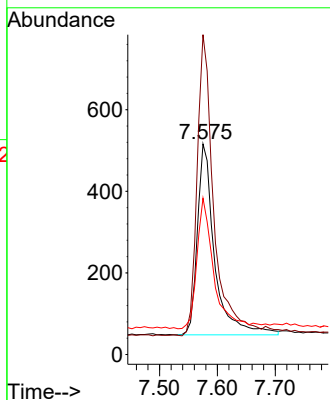
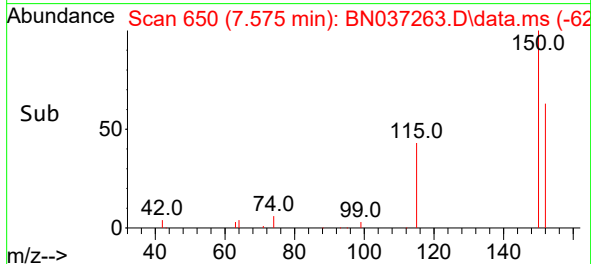


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037263.D
 Acq: 14 Jun 2025 15:47

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20250610

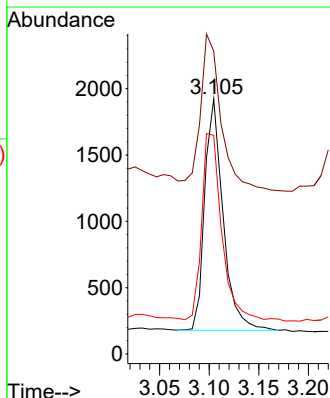
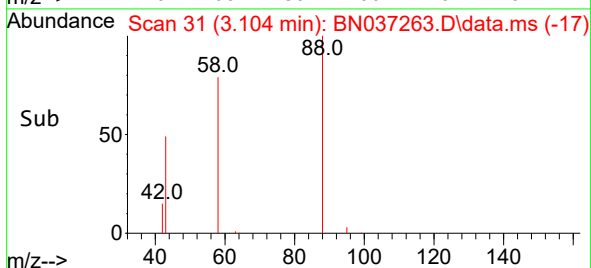
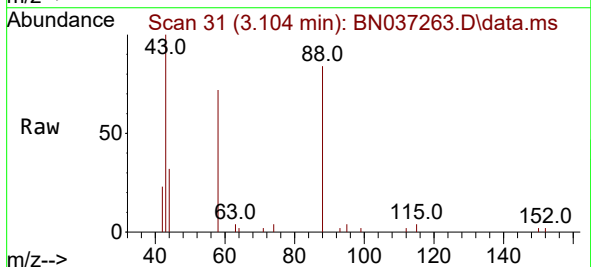


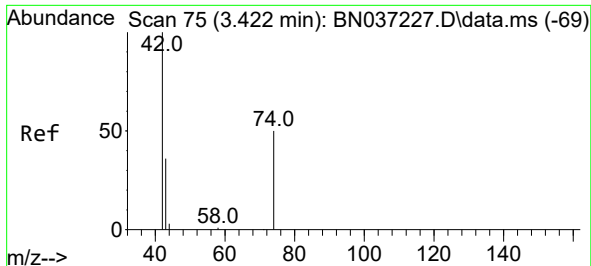
Tgt Ion:152 Resp: 977
 Ion Ratio Lower Upper
 152 100
 150 151.9 125.2 187.8
 115 74.2 58.4 87.6



#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

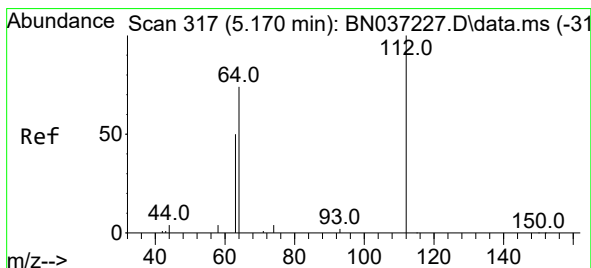
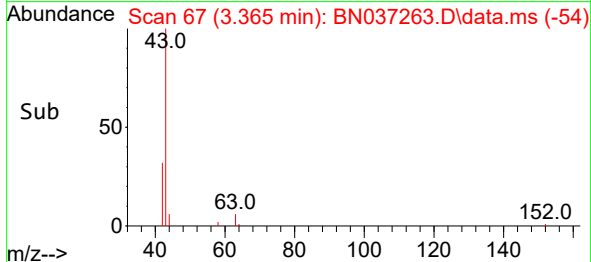
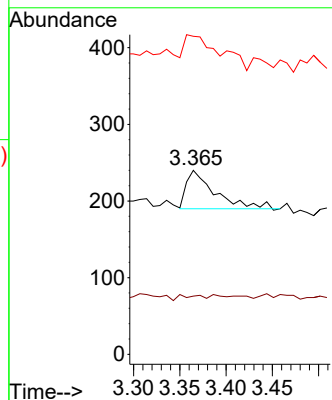
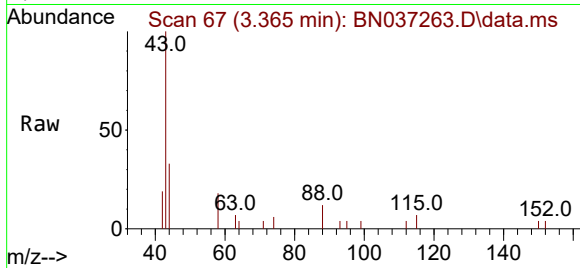




#3
 n-Nitrosodimethylamine
 Concen: 0.035 ng
 RT: 3.365 min Scan# 61
 Delta R.T. -0.058 min
 Lab File: BN037263.D
 Acq: 14 Jun 2025 15:47

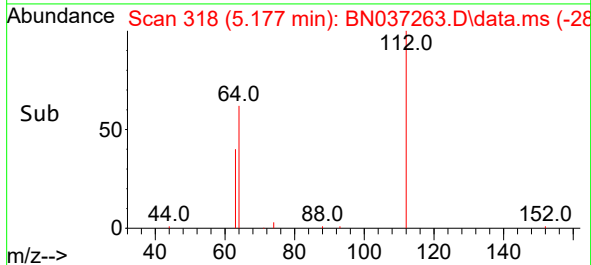
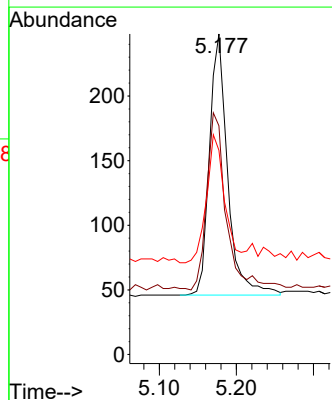
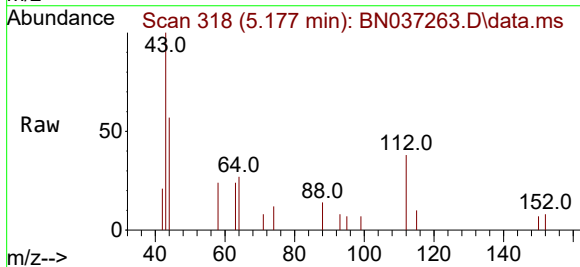
Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20250610

Tgt Ion: 42 Resp: 106
 Ion Ratio Lower Upper
 42 100
 74 7.5 44.6 66.8#
 44 50.9 3.5 5.3#



#4
 2-Fluorophenol
 Concen: 0.138 ng
 RT: 5.177 min Scan# 318
 Delta R.T. 0.008 min
 Lab File: BN037263.D
 Acq: 14 Jun 2025 15:47

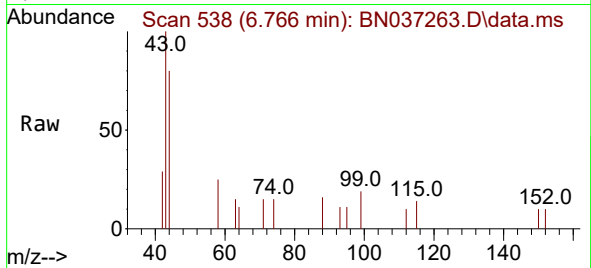
Tgt Ion: 112 Resp: 330
 Ion Ratio Lower Upper
 112 100
 64 71.5 57.2 85.8
 63 48.8 39.8 59.6



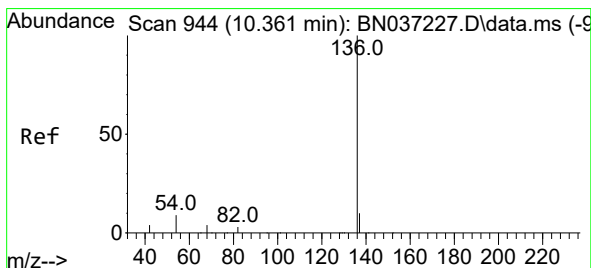
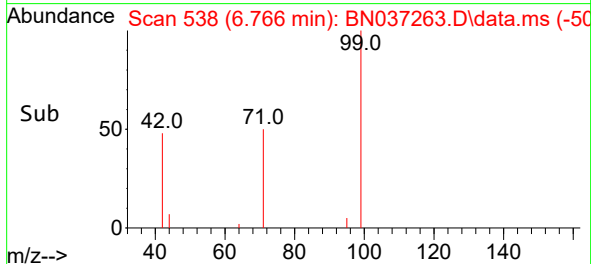
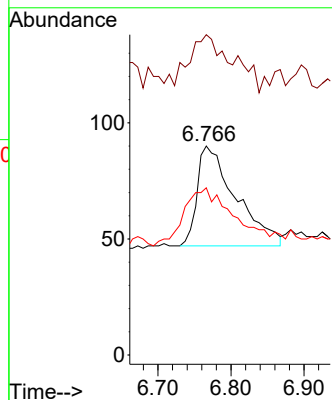


#5
Phenol-d6
Concen: 0.062 ng
RT: 6.766 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47

Instrument :
BNA_N
ClientSampleId :
RE134D4-20250610

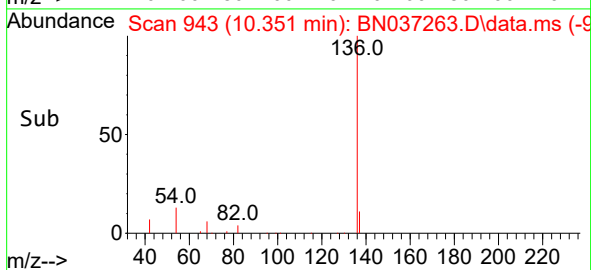
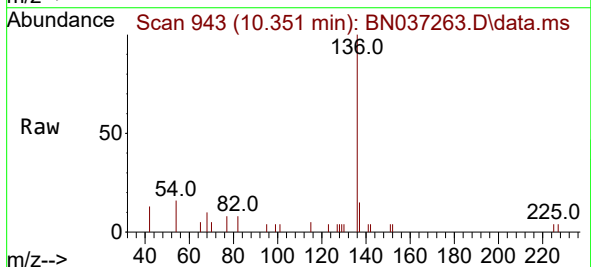
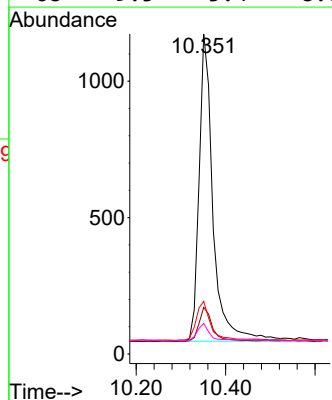


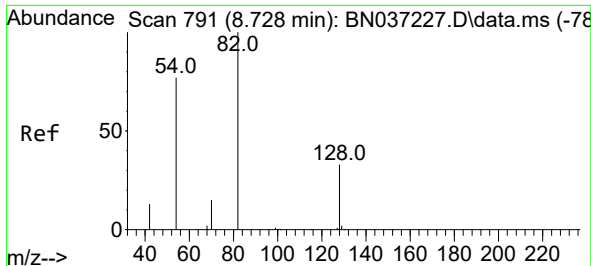
Tgt Ion: 99 Resp: 158
Ion Ratio Lower Upper
99 100
42 40.5 36.2 54.4
71 78.5 42.4 63.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. -0.010 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47

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#

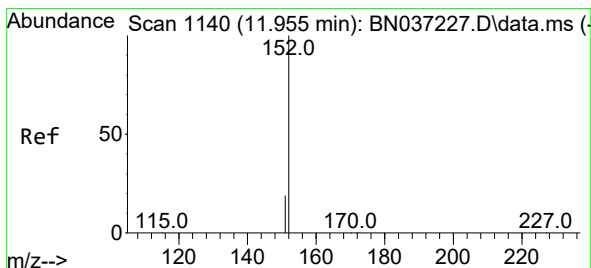
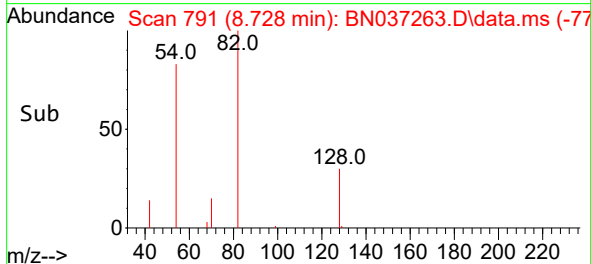
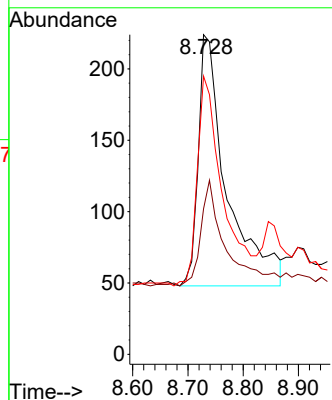
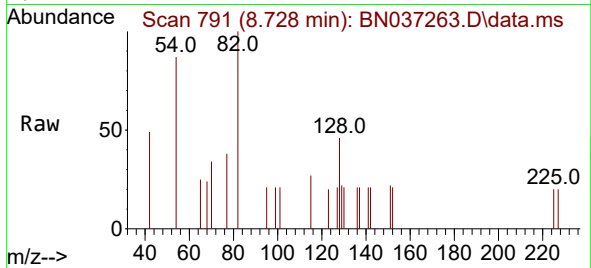




#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47

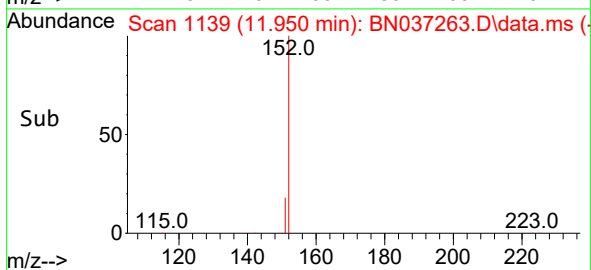
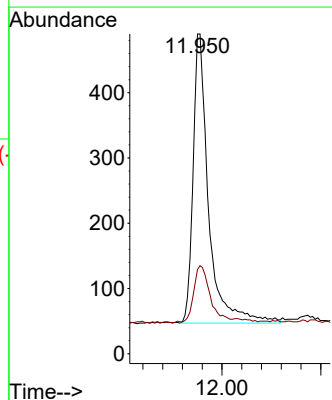
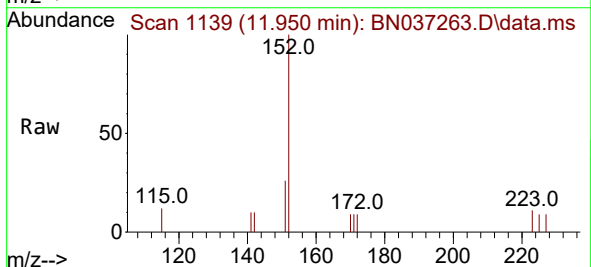
Instrument :
BNA_N
ClientSampleId :
RE134D4-20250610

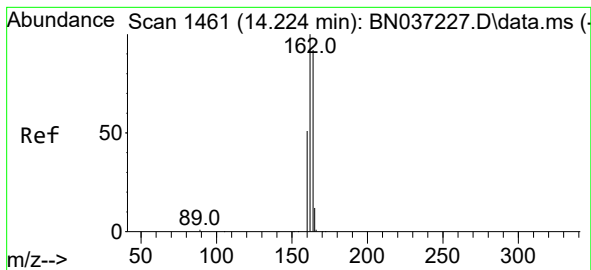
Tgt Ion:	82	Resp:	630
Ion	Ratio	Lower	Upper
82	100		
128	45.5	31.2	46.8
54	87.1	63.3	94.9



#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 11.950 min Scan# 1139
Delta R.T. -0.005 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47

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

Instrument :

BNA_N

ClientSampleId :

RE134D4-20250610

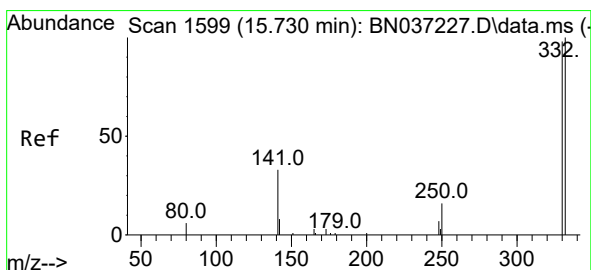
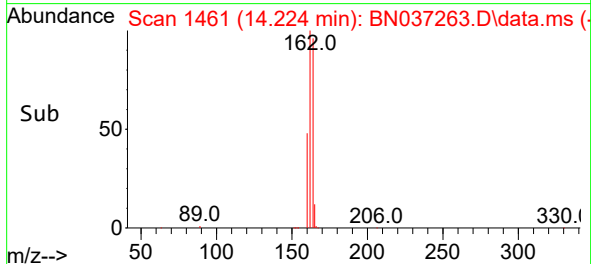
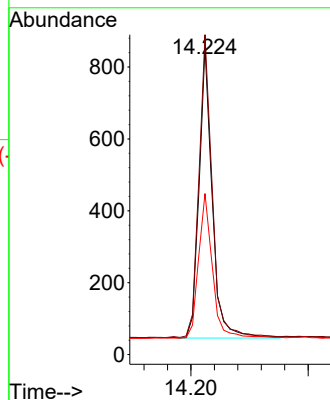
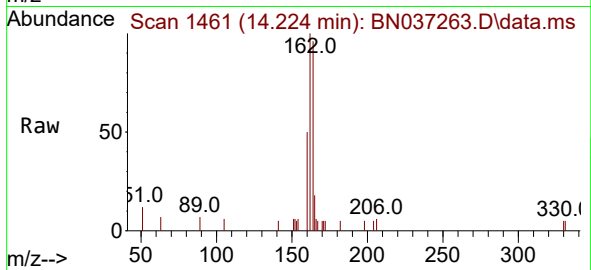
Tgt Ion:164 Resp: 1265

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

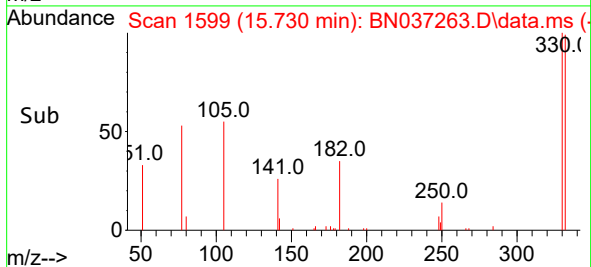
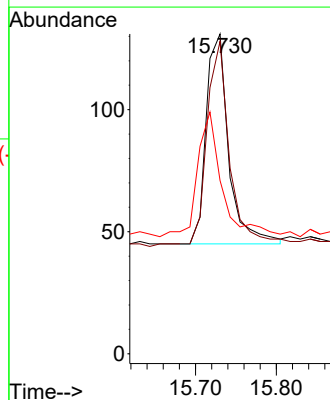
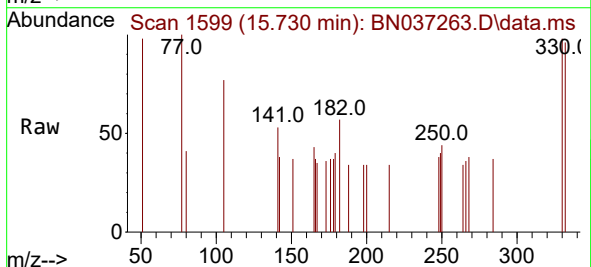
Tgt Ion:330 Resp: 167

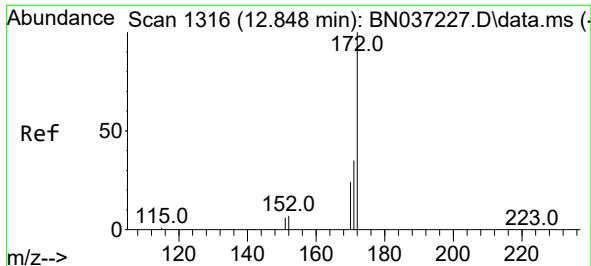
Ion Ratio Lower Upper

330 100

332 101.8 74.9 112.3

141 63.5 45.1 67.7

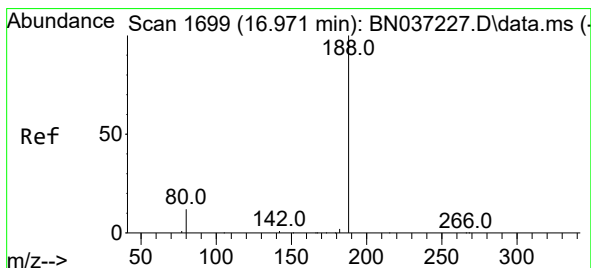
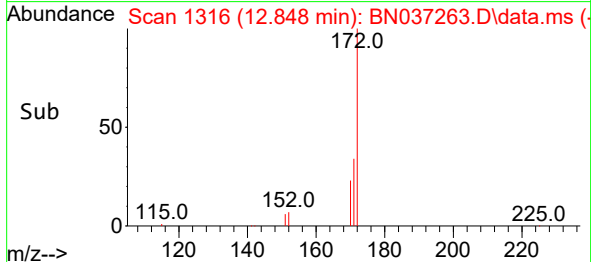
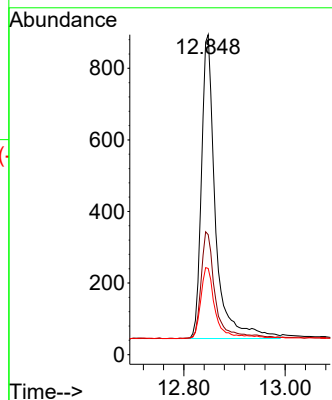
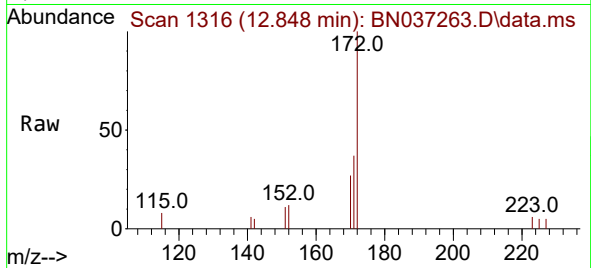




#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 12.848 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47

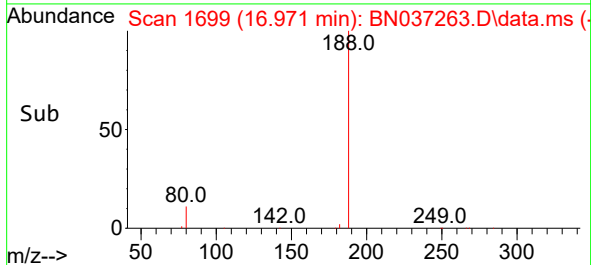
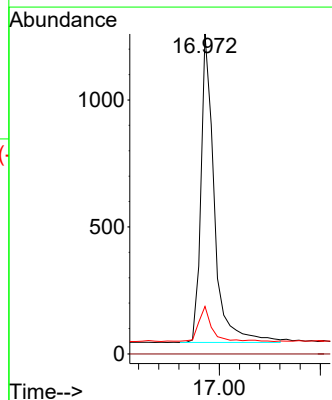
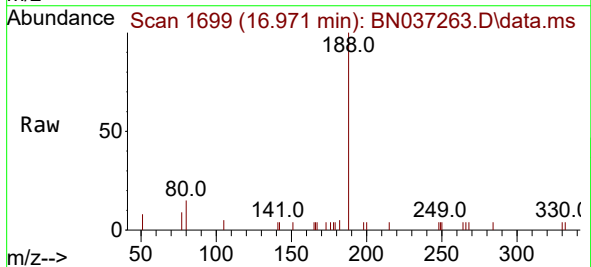
Instrument :
BNA_N
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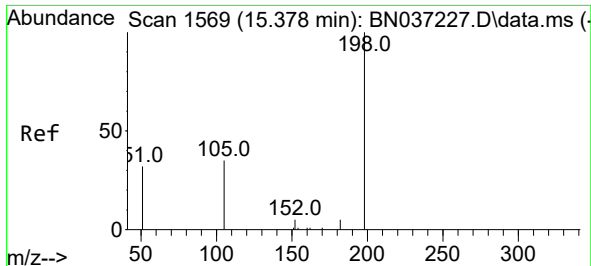
Tgt Ion:	172	Resp:	1635
Ion Ratio	Lower	Upper	
172	100		
171	37.5	29.8	44.8
170	27.0	21.1	31.7



#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

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

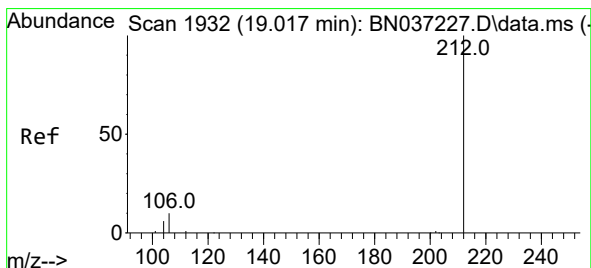
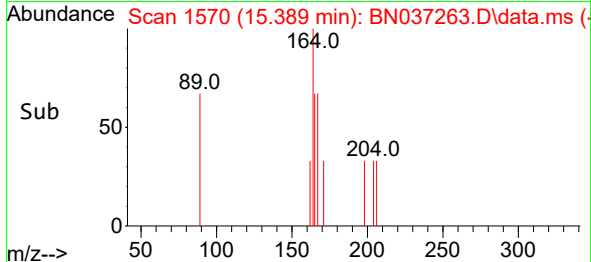
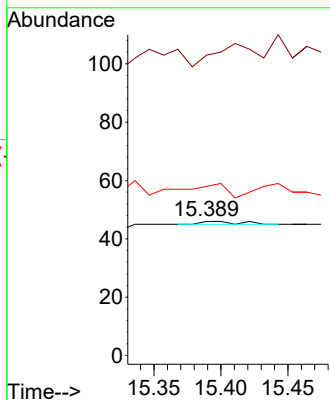
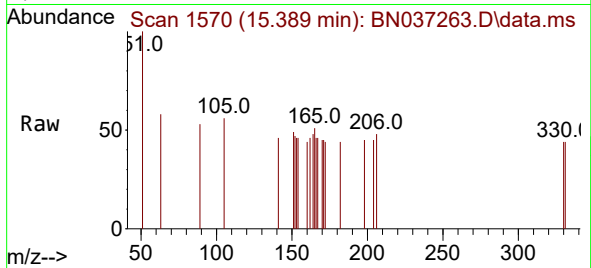




#20
4,6-Dinitro-2-methylphenol
Concen: 0.120 ng
RT: 15.389 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47

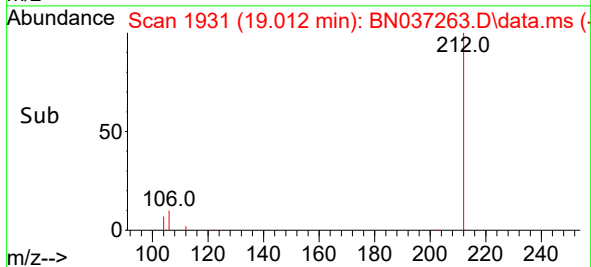
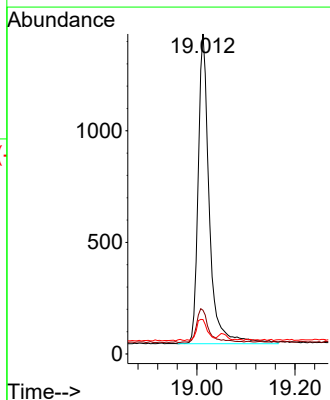
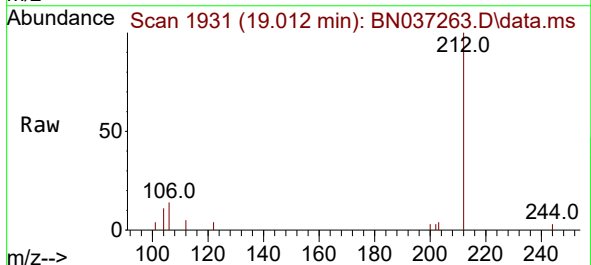
Instrument :
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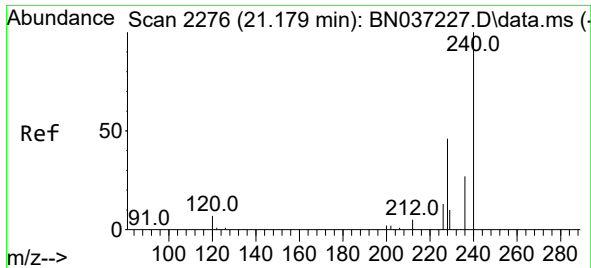
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 223.9 111.2 166.8#
105 126.1 54.0 81.0#



#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

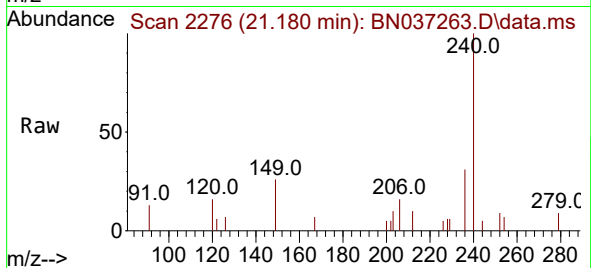
Tgt Ion:212 Resp: 2187
Ion Ratio Lower Upper
212 100
106 11.8 9.3 13.9
104 6.6 5.7 8.5



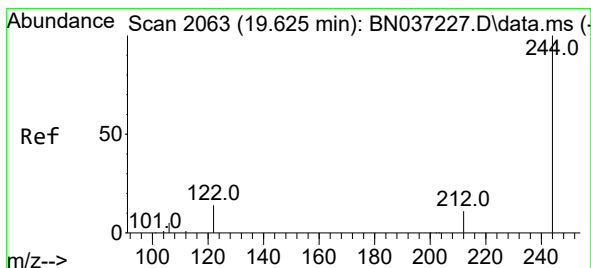
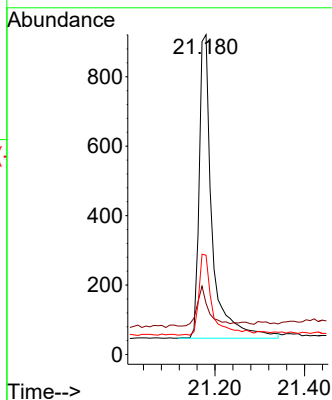
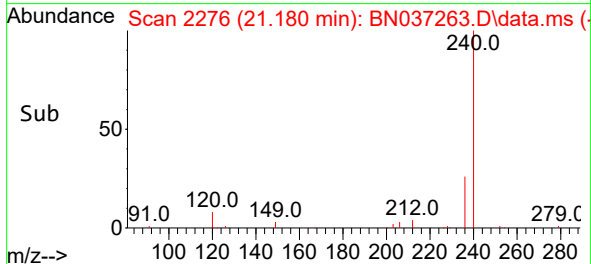


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47

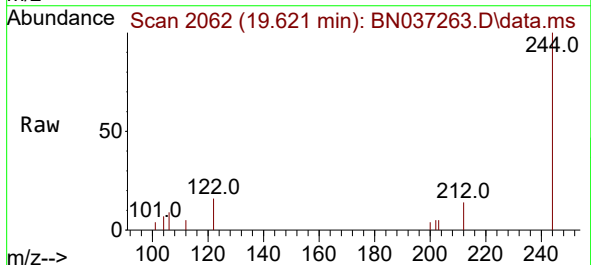
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ClientSampleId :
RE134D4-20250610



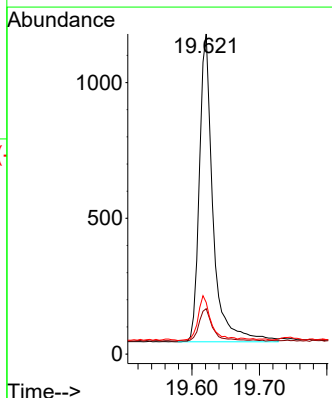
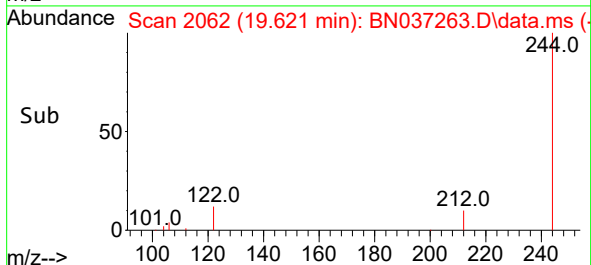
Tgt Ion:240 Resp: 1763
Ion Ratio Lower Upper
240 100
120 16.0 11.3 16.9
236 31.1 24.4 36.6

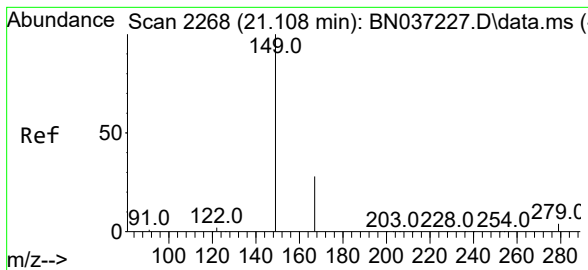


#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.621 min Scan# 2062
Delta R.T. -0.004 min
Lab File: BN037263.D
Acq: 14 Jun 2025 15:47



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

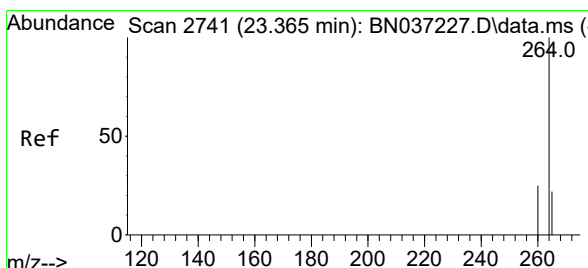
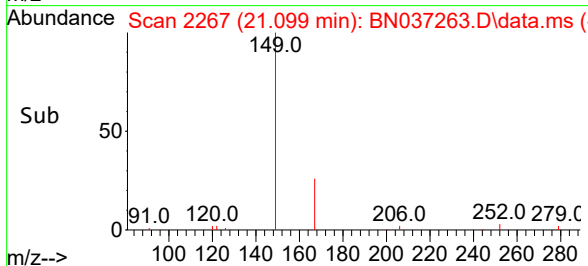
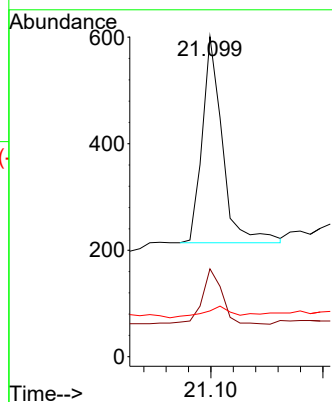
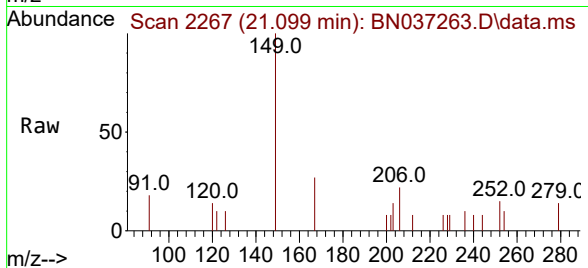




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.109 ng
 RT: 21.099 min Scan# 2109
 Delta R.T. -0.009 min
 Lab File: BN037263.D
 Acq: 14 Jun 2025 15:47

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

