

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052125\
 Data File : BN037076.D
 Acq On : 20 May 2025 16:22
 Operator : RC/JU
 Sample : Q2051-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 21 01:37:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

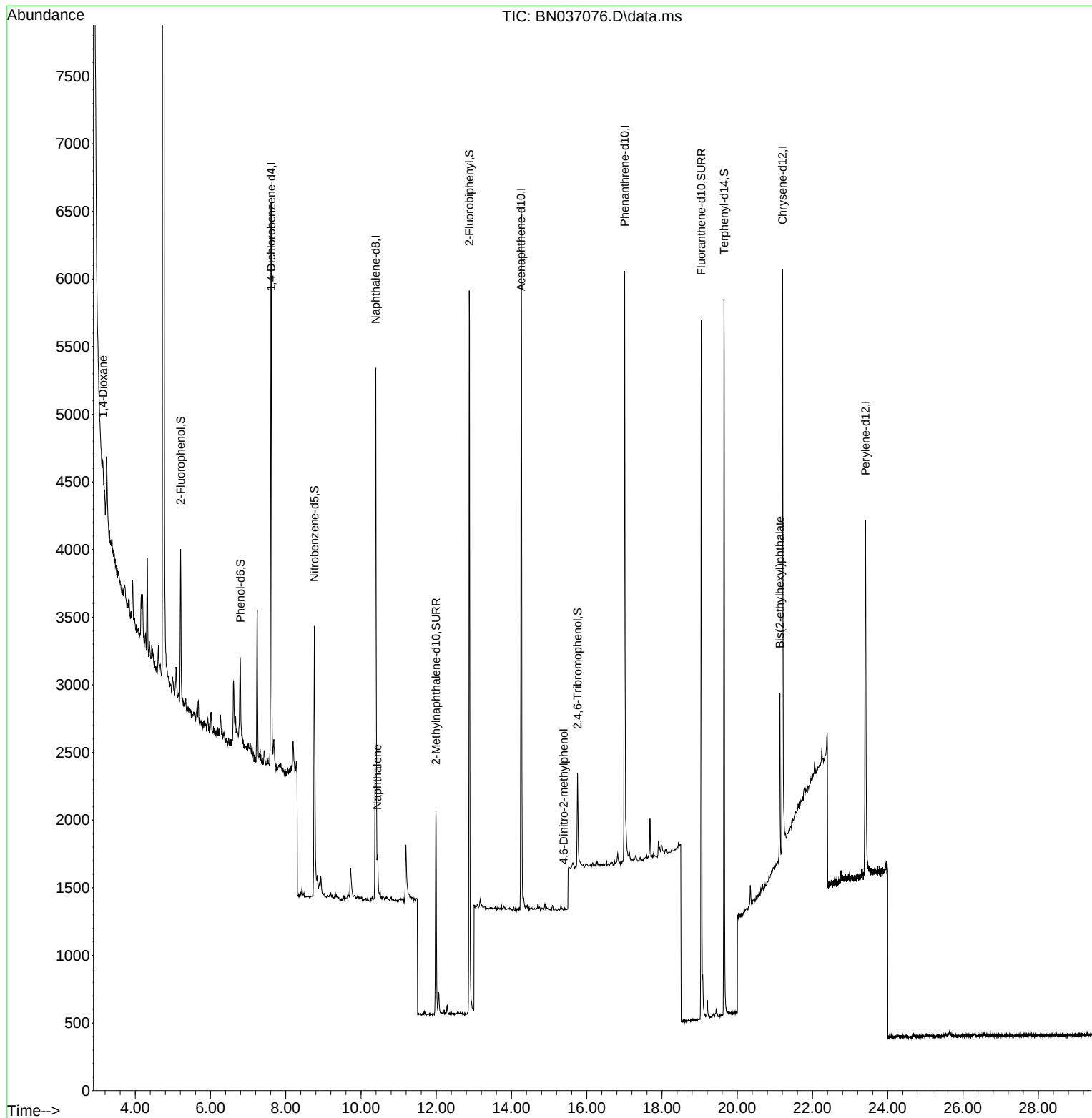
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1962	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5150	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2981	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5938	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	4171	0.400	ng	# 0.00
35) Perylene-d12	23.406	264	3587	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	752	0.146	ng	0.00
5) Phenol-d6	6.795	99	530	0.082	ng	0.00
8) Nitrobenzene-d5	8.760	82	1804	0.322	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2310	0.319	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	395	0.302	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	5148	0.377	ng	-0.01
27) Fluoranthene-d10	19.045	212	5811	0.357	ng	0.00
31) Terphenyl-d14	19.649	244	5021	0.563	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.140	88	102	0.042	ng	# 1
9) Naphthalene	10.436	128	348	0.023	ng	# 56
20) 4,6-Dinitro-2-methylph...	15.389	198	2	0.025	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	1273	0.132	ng	# 99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052125\
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Operator : RC/JU
Sample : Q2051-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

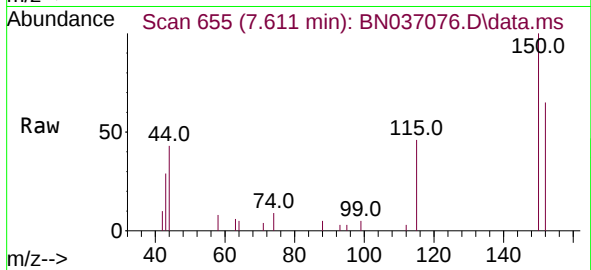
Quant Time: May 21 01:37:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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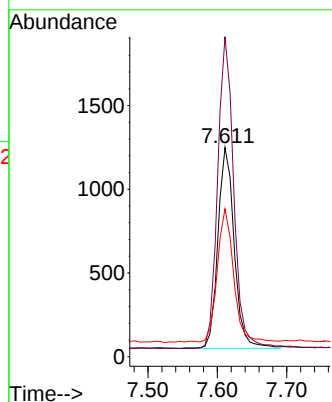
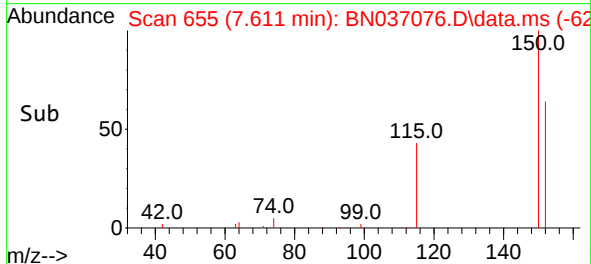


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037076.D
 Acq: 20 May 2025 16:22

Instrument :
 BNA_N
 ClientSampleId :

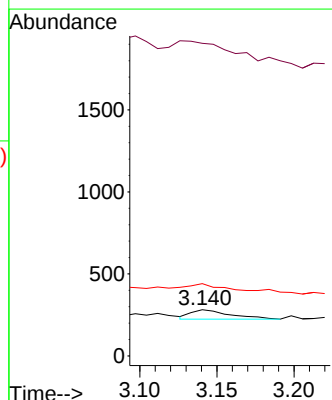
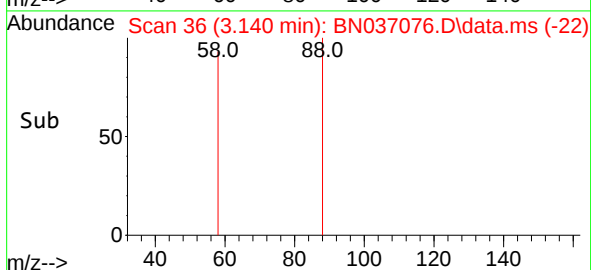
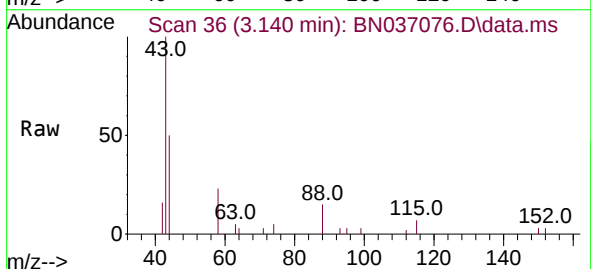


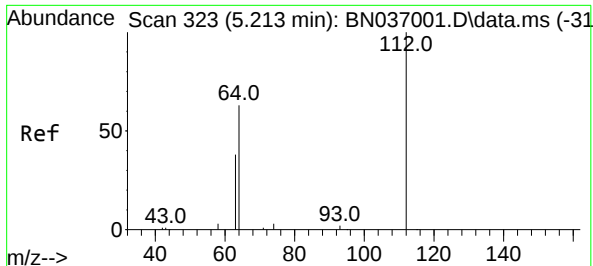
Tgt Ion:152 Resp: 1962
 Ion Ratio Lower Upper
 152 100
 150 153.0 123.9 185.9
 115 70.7 55.8 83.8



#2
 1,4-Dioxane
 Concen: 0.042 ng
 RT: 3.140 min Scan# 36
 Delta R.T. 0.000 min
 Lab File: BN037076.D
 Acq: 20 May 2025 16:22

Tgt Ion: 88 Resp: 102
 Ion Ratio Lower Upper
 88 100
 43 469.6 37.4 56.0#
 58 152.0 68.8 103.2#

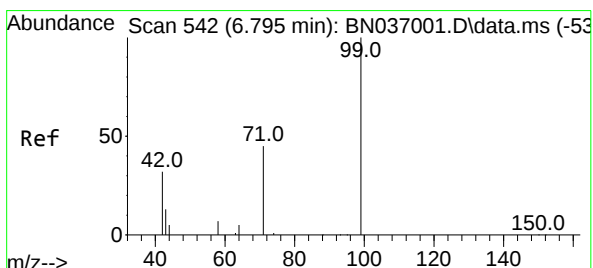
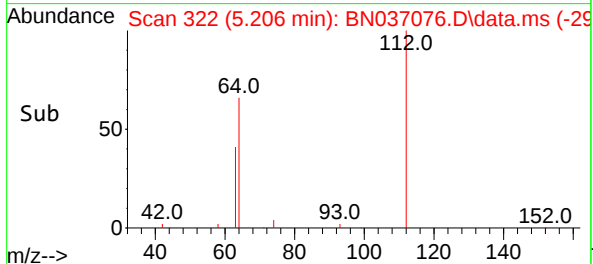
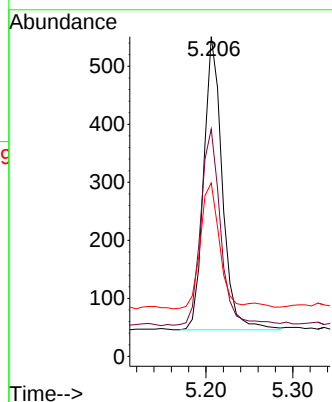
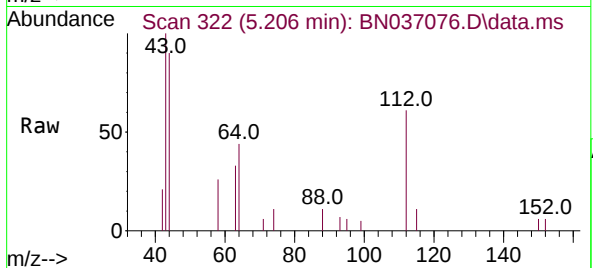




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.206 min Scan# 311
Delta R.T. -0.007 min
Lab File: BN037076.D
Acq: 20 May 2025 16:22

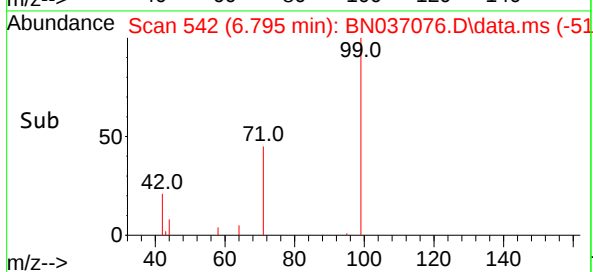
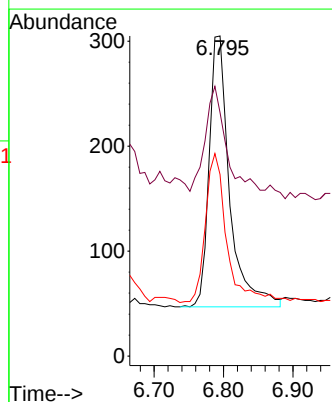
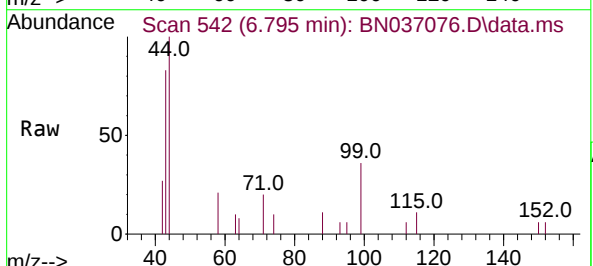
Instrument :
BNA_N
ClientSampleId :

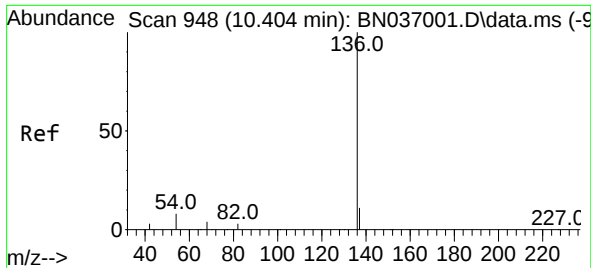
Tgt Ion:112 Resp: 752
Ion Ratio Lower Upper
112 100
64 72.9 55.7 83.5
63 44.3 34.6 51.8



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.795 min Scan# 542
Delta R.T. -0.000 min
Lab File: BN037076.D
Acq: 20 May 2025 16:22

Tgt Ion: 99 Resp: 530
Ion Ratio Lower Upper
99 100
42 40.9 29.3 43.9
71 57.5 35.7 53.5#

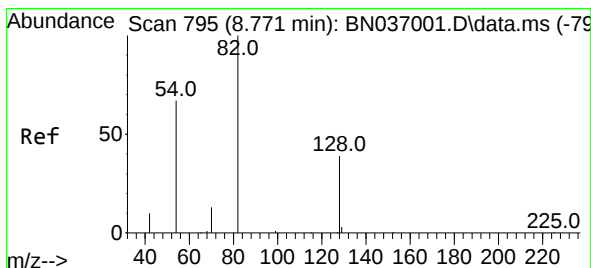
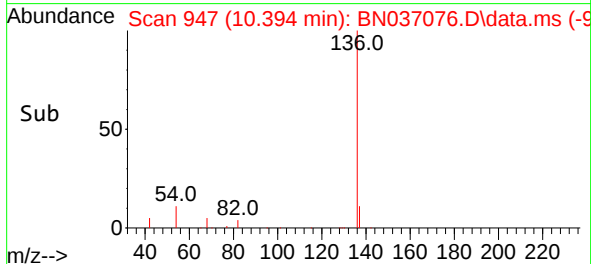
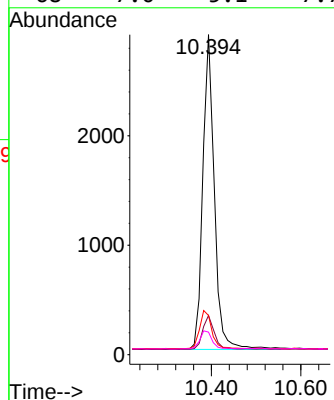
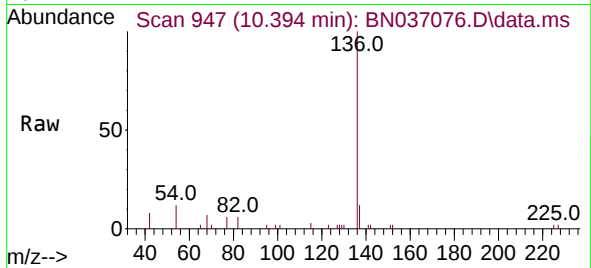




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037076.D
Acq: 20 May 2025 16:22

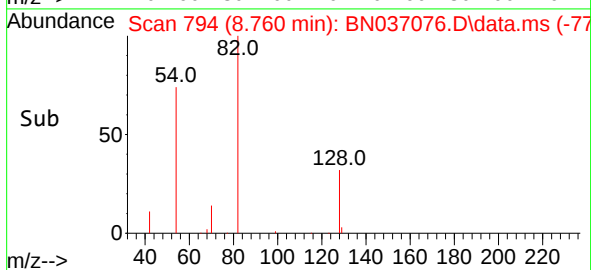
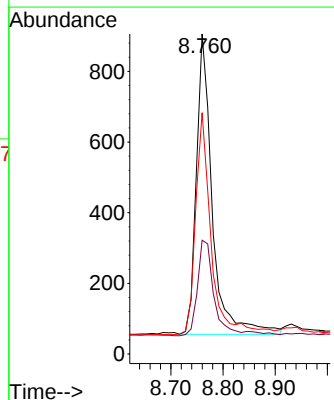
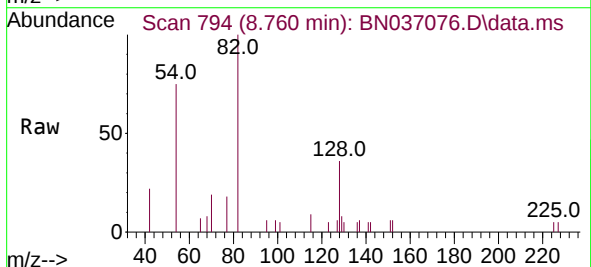
Instrument :
BNA_N
ClientSampleId :

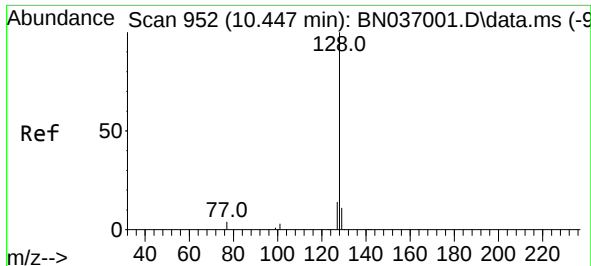
Tgt Ion:136	Resp:	5150
Ion Ratio	Lower	Upper
136	100	
137	12.2	10.4 15.6
54	12.2	8.5 12.7
68	7.0	5.1 7.7



#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037076.D
Acq: 20 May 2025 16:22

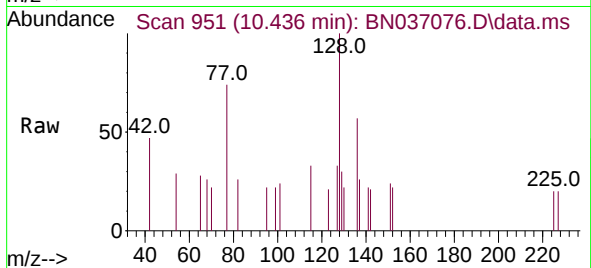
Tgt Ion: 82	Resp:	1804
Ion Ratio	Lower	Upper
82	100	
128	35.5	34.0 51.0
54	75.4	55.0 82.4



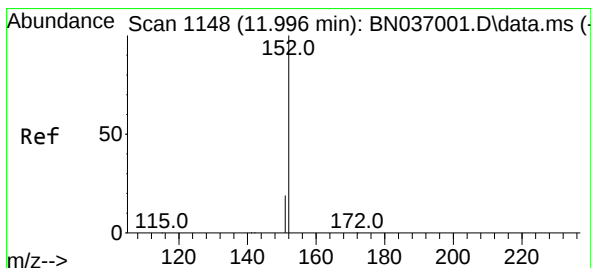
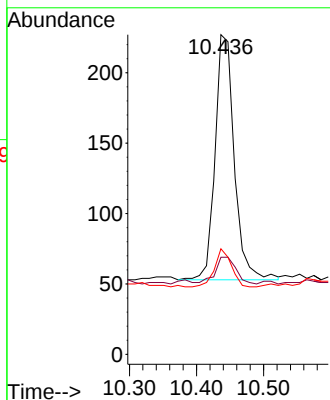
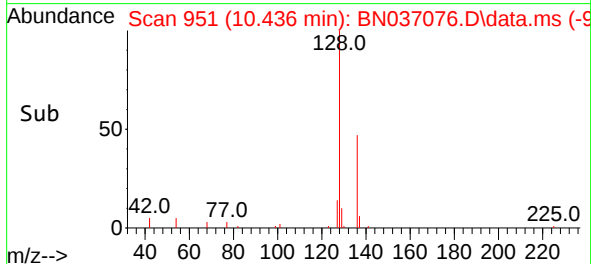


#9
Naphthalene
Concen: 0.023 ng
RT: 10.436 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037076.D
Acq: 20 May 2025 16:22

Instrument :
BNA_N
ClientSampleId :

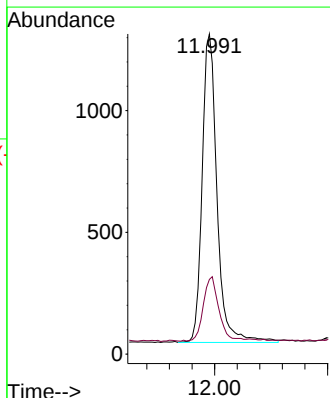
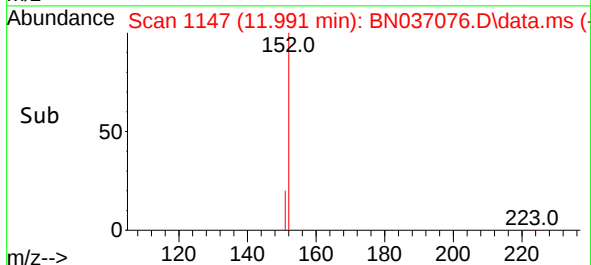
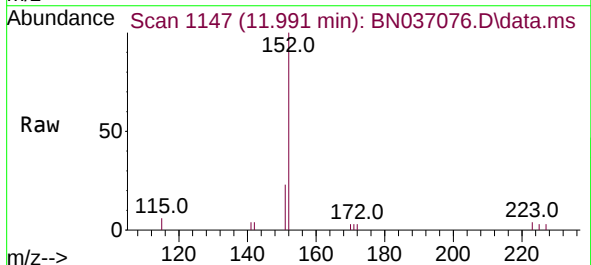


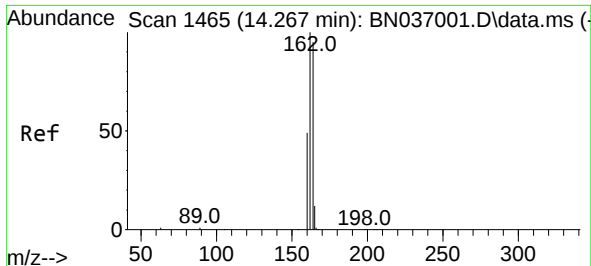
Tgt Ion:128 Resp: 348
Ion Ratio Lower Upper
128 100
129 30.4 9.7 14.5#
127 33.0 12.4 18.6#



#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037076.D
Acq: 20 May 2025 16:22

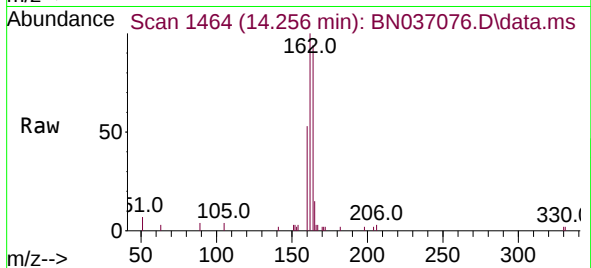
Tgt Ion:152 Resp: 2310
Ion Ratio Lower Upper
152 100
151 22.0 17.5 26.3



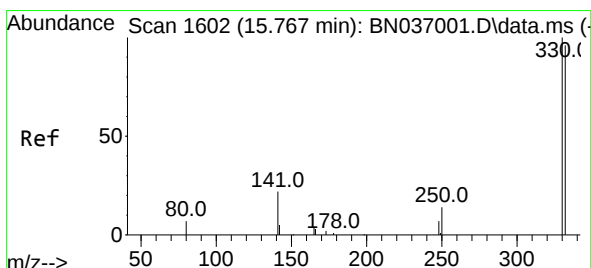
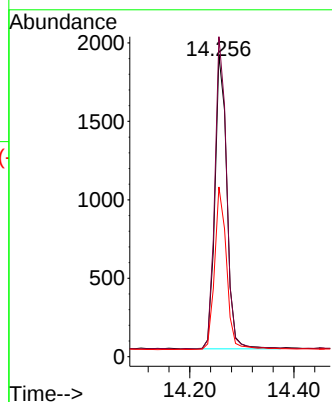
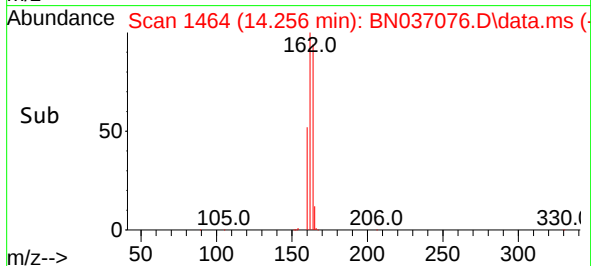


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037076.D
Acq: 20 May 2025 16:22

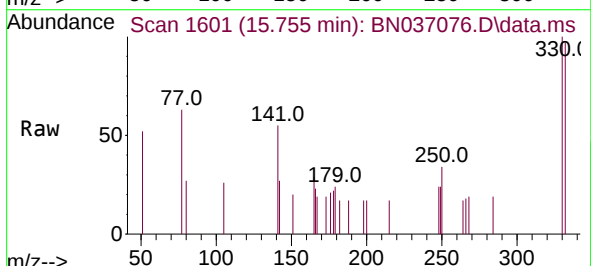
Instrument :
BNA_N
ClientSampleId :



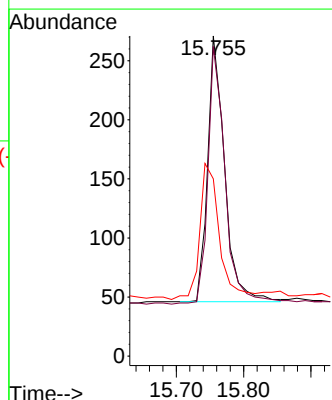
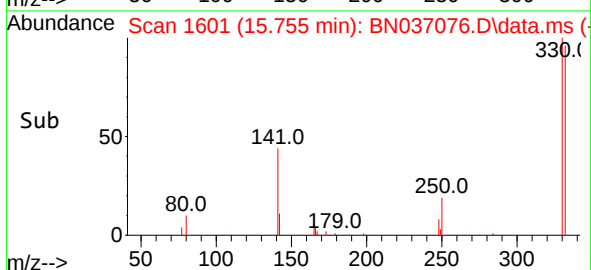
Tgt Ion:164 Resp: 2981
Ion Ratio Lower Upper
164 100
162 106.1 84.2 126.4
160 56.3 42.6 63.8

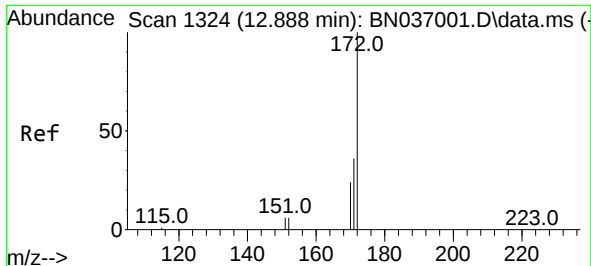


#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037076.D
Acq: 20 May 2025 16:22



Tgt Ion:330 Resp: 395
Ion Ratio Lower Upper
330 100
332 100.3 73.8 110.8
141 59.2 43.9 65.9

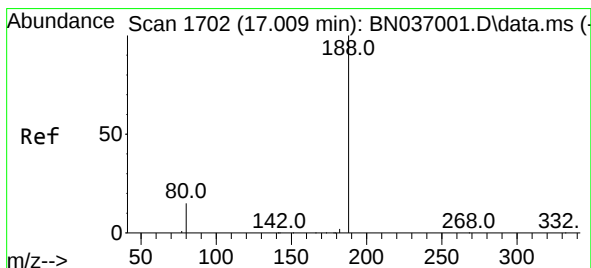
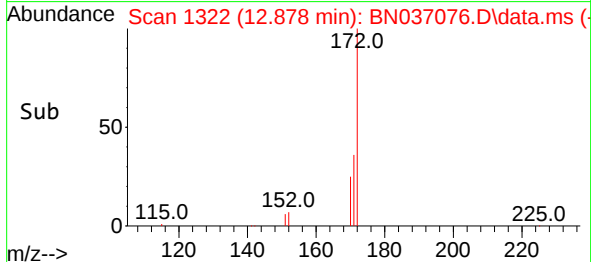
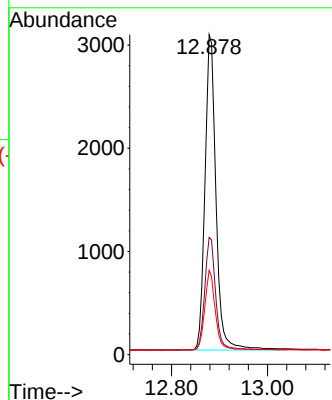
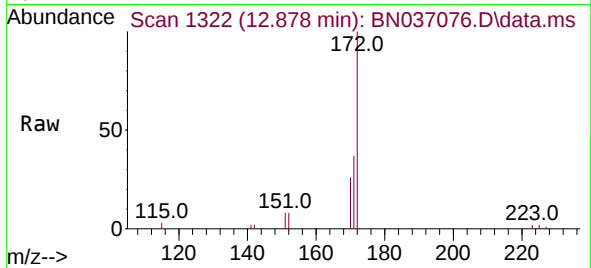




#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 12.878 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037076.D
Acq: 20 May 2025 16:22

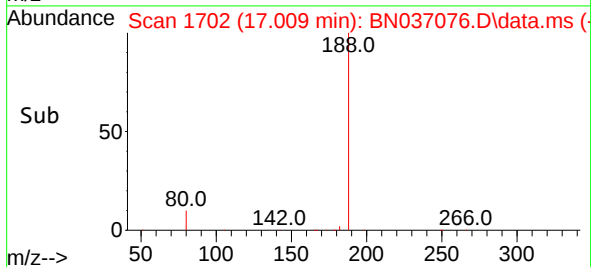
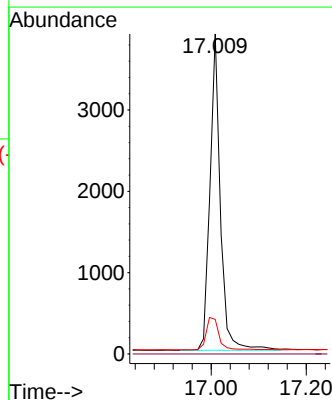
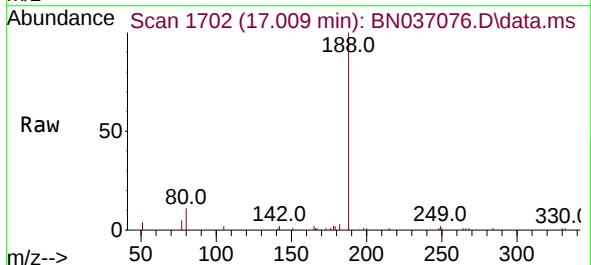
Instrument :
BNA_N
ClientSampleId :

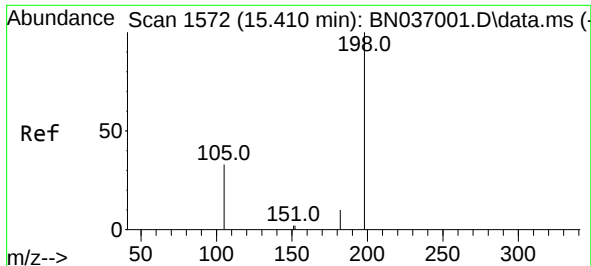
Tgt Ion:172 Resp: 5148
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 26.4 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037076.D
Acq: 20 May 2025 16:22

Tgt Ion:188 Resp: 5938
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 13.4 20.0#

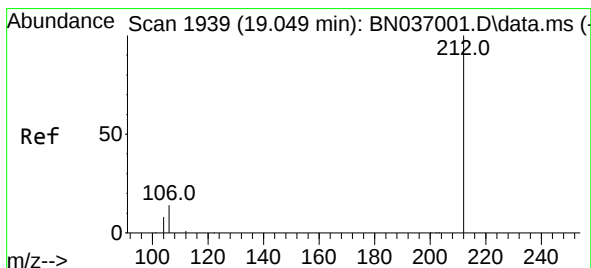
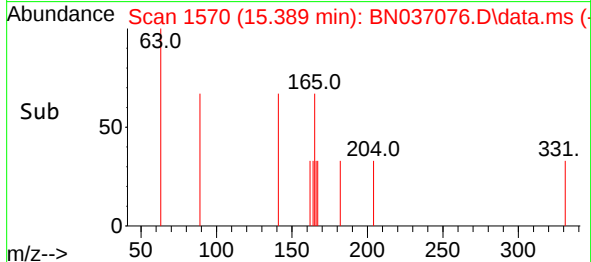
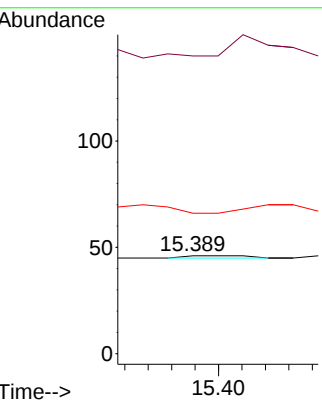
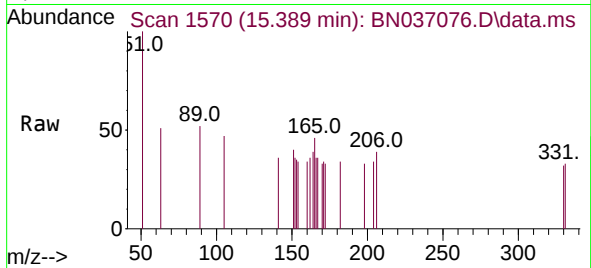




#20
4,6-Dinitro-2-methylphenol
Concen: 0.025 ng
RT: 15.389 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN037076.D
Acq: 20 May 2025 16:22

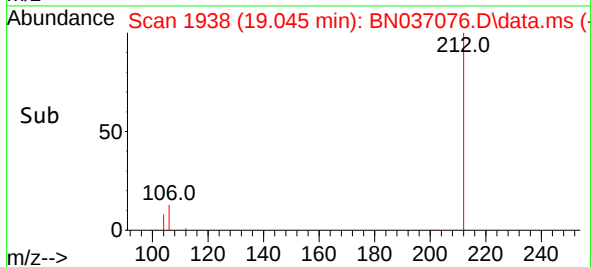
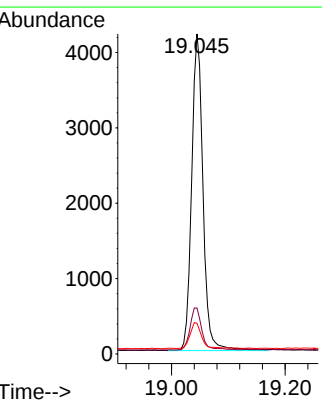
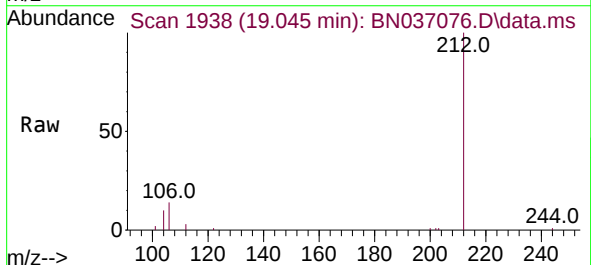
Instrument :
BNA_N
ClientSampleId :

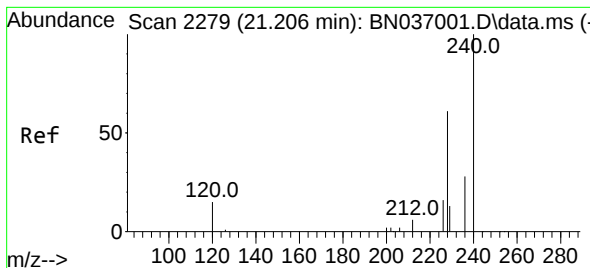
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 304.3 87.8 131.6#
105 143.5 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037076.D
Acq: 20 May 2025 16:22

Tgt Ion:212 Resp: 5811
Ion Ratio Lower Upper
212 100
106 13.8 11.3 16.9
104 8.3 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.206 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037076.D

Acq: 20 May 2025 16:22

Instrument :

BNA_N

ClientSampleId :

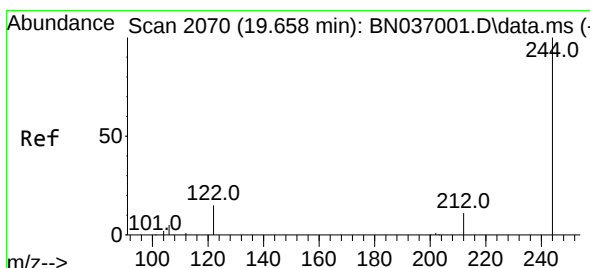
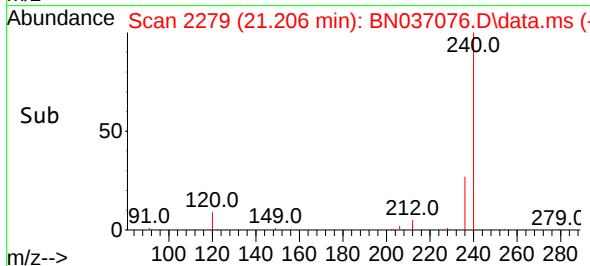
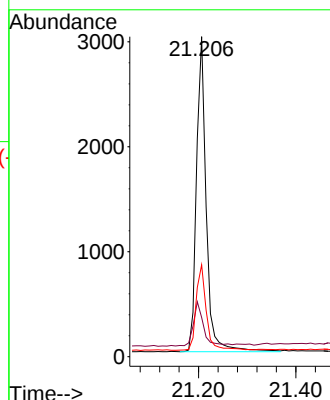
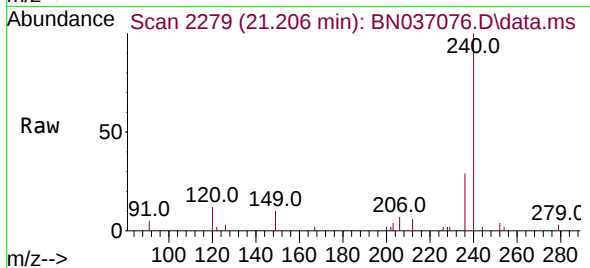
Tgt Ion:240 Resp: 4171

Ion Ratio Lower Upper

240 100

120 12.3 15.1 22.7#

236 28.7 24.0 36.0



#31

Terphenyl-d14

Concen: 0.563 ng

RT: 19.649 min Scan# 2068

Delta R.T. -0.009 min

Lab File: BN037076.D

Acq: 20 May 2025 16:22

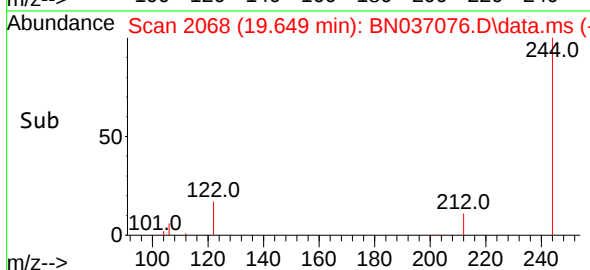
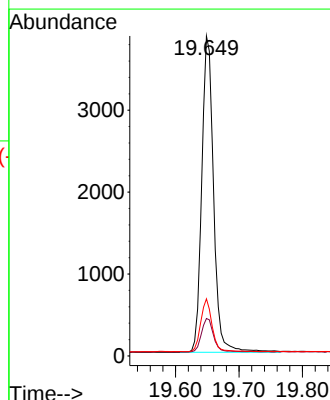
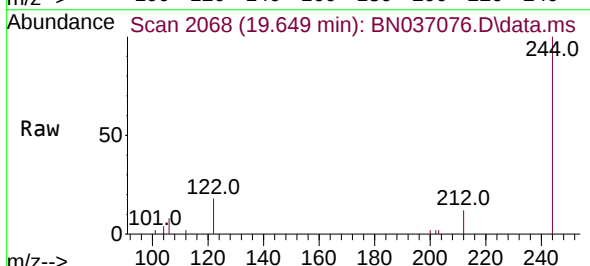
Tgt Ion:244 Resp: 5021

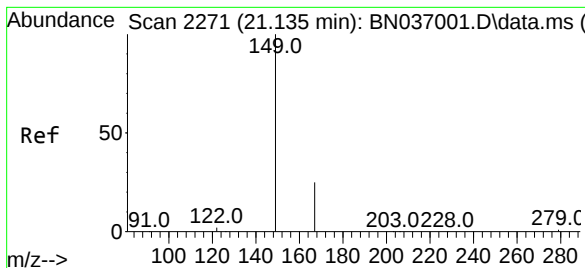
Ion Ratio Lower Upper

244 100

212 11.7 9.7 14.5

122 17.8 13.4 20.0

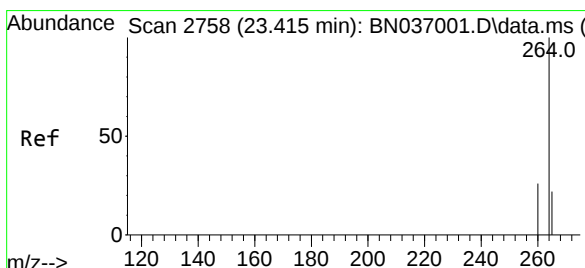
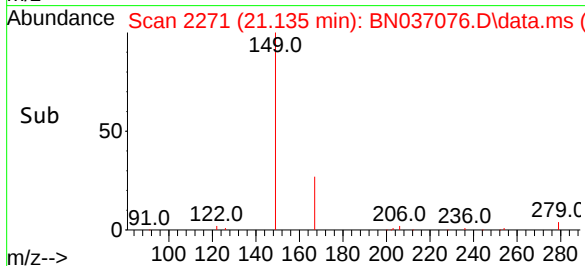
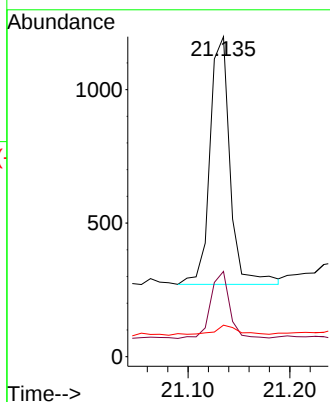
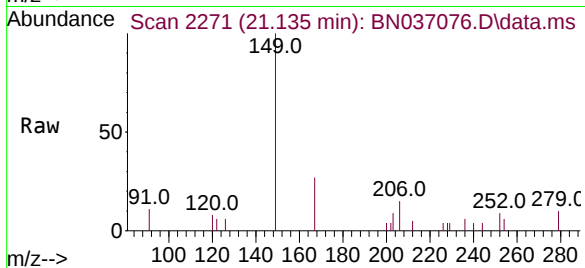




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.132 ng
 RT: 21.135 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037076.D
 Acq: 20 May 2025 16:22

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 1273
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.6 30.8
 279 5.6 2.6 3.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.406 min Scan# 2755
 Delta R.T. -0.009 min
 Lab File: BN037076.D
 Acq: 20 May 2025 16:22

Tgt Ion:264 Resp: 3587
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.9 32.9
 265 67.5 51.6 77.4

