

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073025\
 Data File : BN037552.D
 Acq On : 30 Jul 2025 12:03
 Operator : RC/JU
 Sample : Q2697-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250724

Quant Time: Jul 30 12:31:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 19 01:46:16 2025
 Response via : Initial Calibration

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

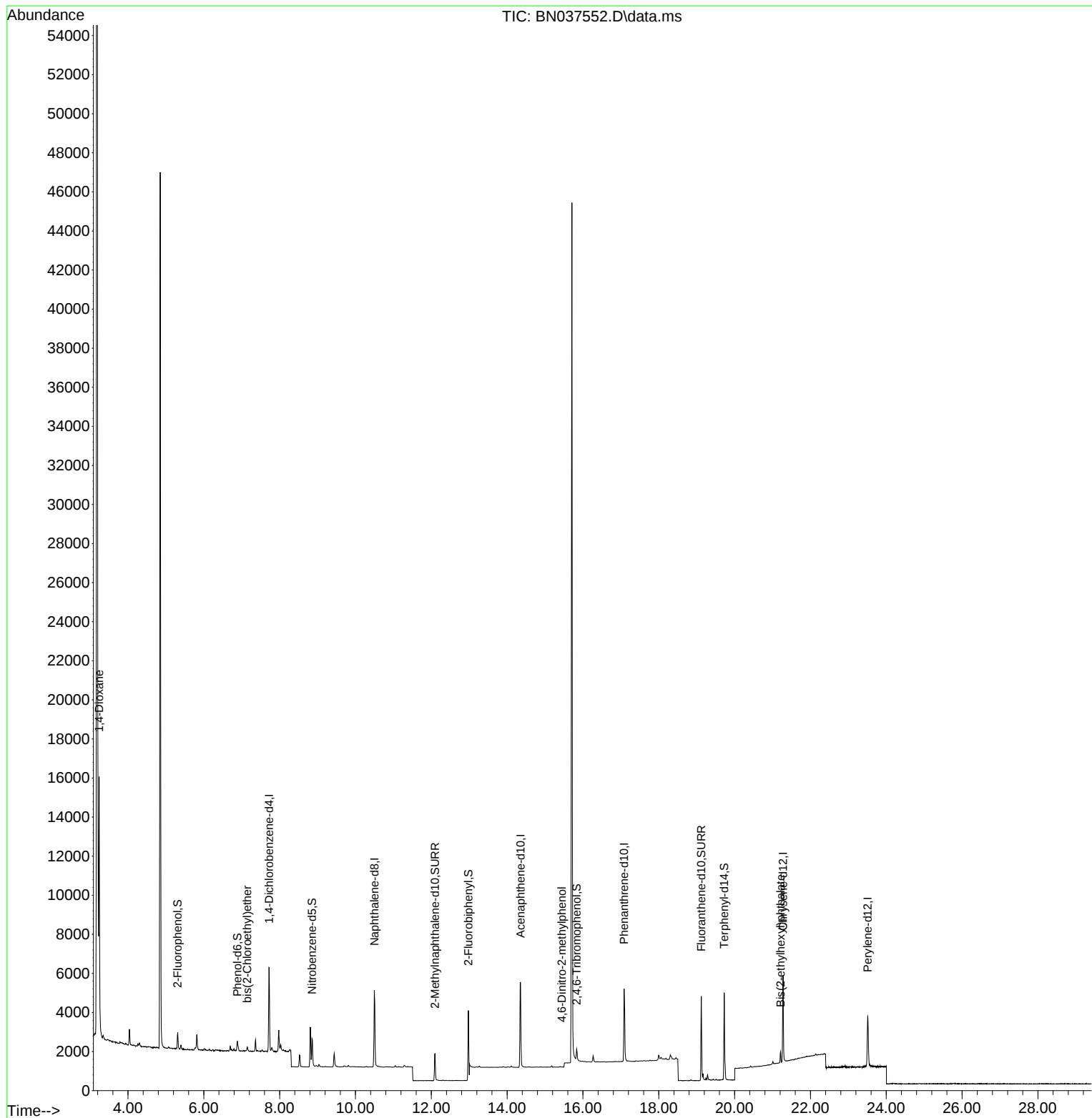
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2145	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5437	0.400	ng	#-0.01
13) Acenaphthene-d10	14.355	164	2763	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5503	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	4223	0.400	ng	0.00
35) Perylene-d12	23.510	264	3679	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	646	0.122	ng	0.00
5) Phenol-d6	6.887	99	455	0.068	ng	0.00
8) Nitrobenzene-d5	8.854	82	1271	0.313	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	2047	0.262	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	351	0.258	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	4736	0.330	ng	0.00
27) Fluoranthene-d10	19.122	212	4908	0.337	ng	0.00
31) Terphenyl-d14	19.726	244	4173	0.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	6385	3.096	ng	98
6) bis(2-Chloroethyl)ether	7.147	93	121	0.022	ng	# 82
20) 4,6-Dinitro-2-methylph...	15.446	198	1	0.095	ng	# 15
34) Bis(2-ethylhexyl)phtha...	21.214	149	571	0.086	ng	# 99

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

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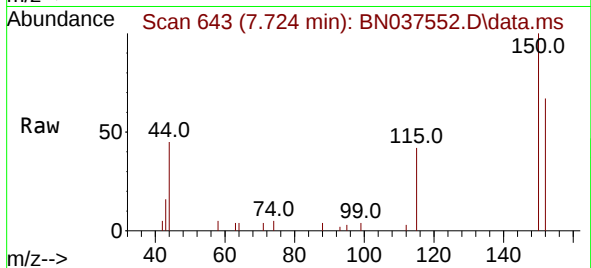
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration



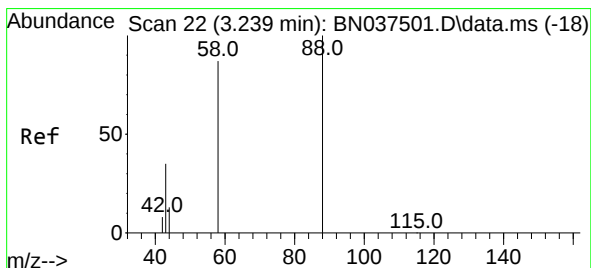
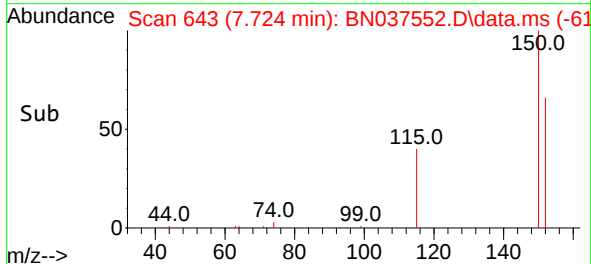
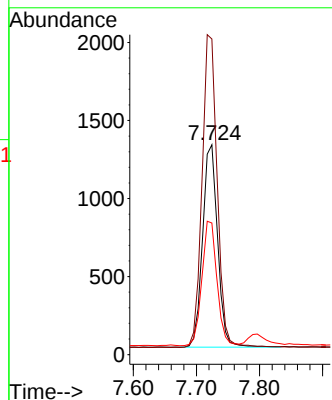


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037552.D
 Acq: 30 Jul 2025 12:03

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250724

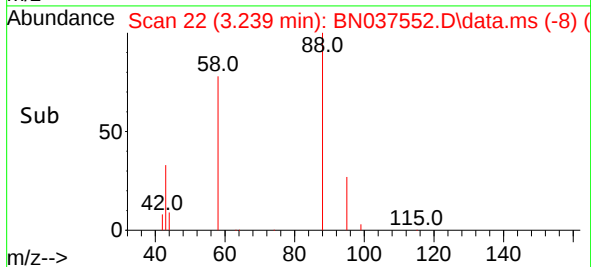
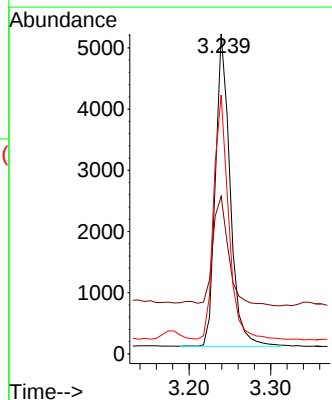
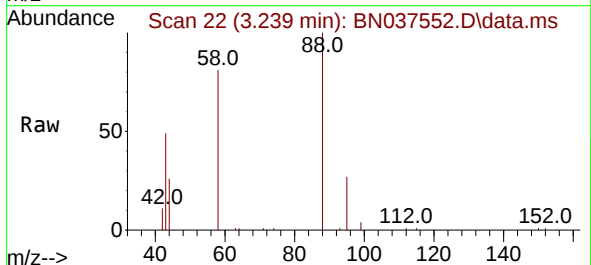


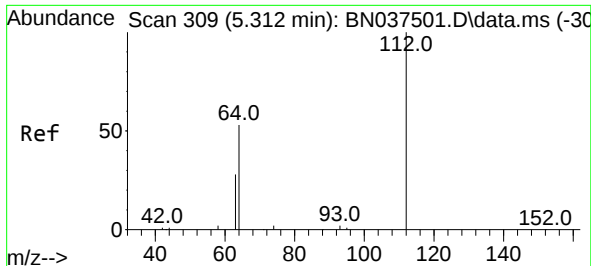
Tgt Ion:152 Resp: 2145
 Ion Ratio Lower Upper
 152 100
 150 150.3 119.8 179.8
 115 62.7 49.1 73.7



#2
 1,4-Dioxane
 Concen: 3.096 ng
 RT: 3.239 min Scan# 22
 Delta R.T. -0.000 min
 Lab File: BN037552.D
 Acq: 30 Jul 2025 12:03

Tgt Ion: 88 Resp: 6385
 Ion Ratio Lower Upper
 88 100
 43 37.6 27.5 41.3
 58 78.8 62.7 94.1

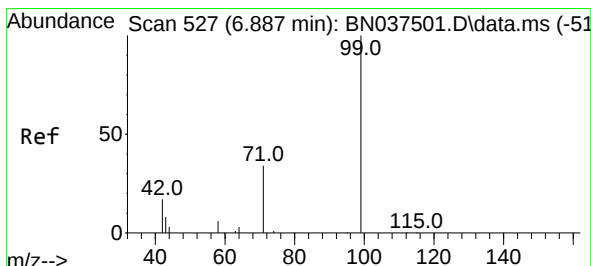
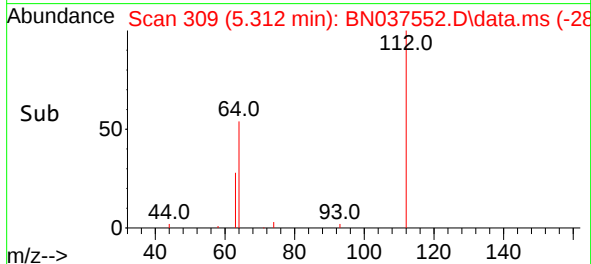
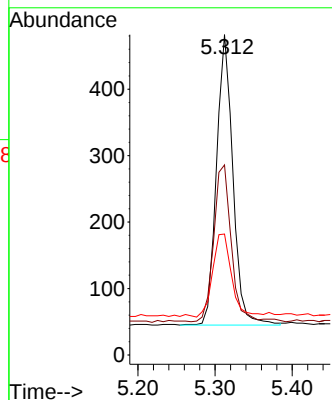
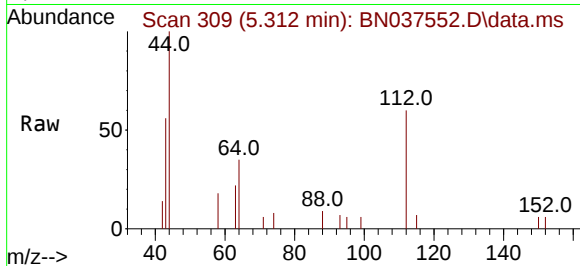




#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN037552.D
Acq: 30 Jul 2025 12:03

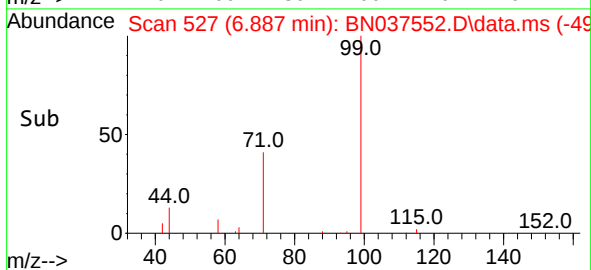
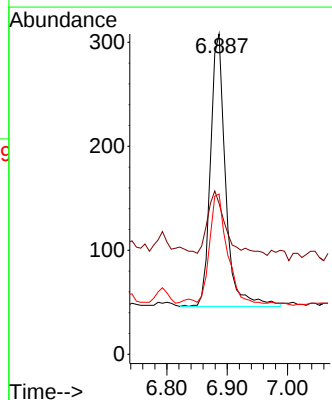
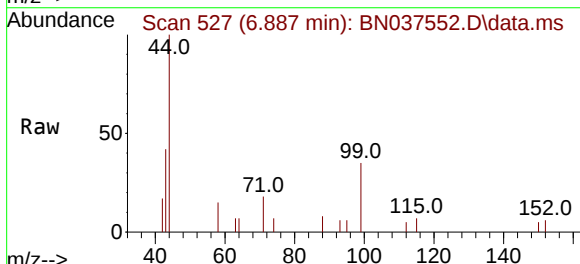
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250724

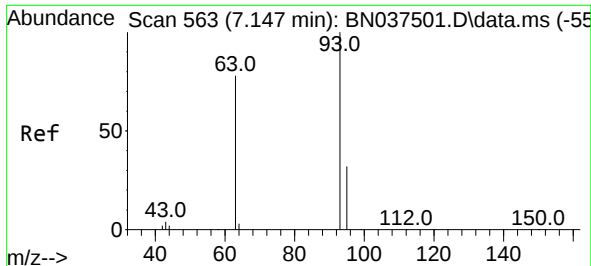
Tgt Ion:112 Resp: 646
Ion Ratio Lower Upper
112 100
64 58.0 45.1 67.7
63 33.1 23.8 35.8



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.887 min Scan# 527
Delta R.T. -0.000 min
Lab File: BN037552.D
Acq: 30 Jul 2025 12:03

Tgt Ion: 99 Resp: 455
Ion Ratio Lower Upper
99 100
42 30.8 17.1 25.7#
71 46.2 27.8 41.8#

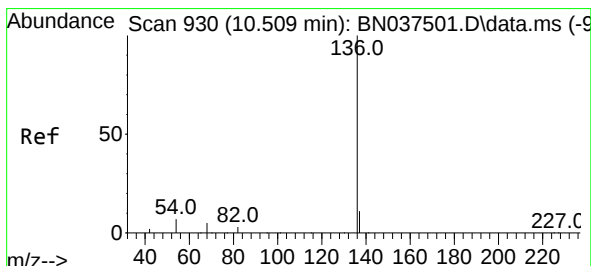
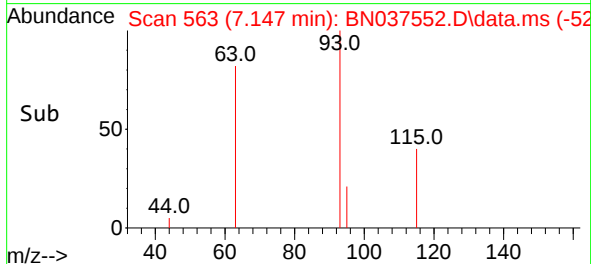
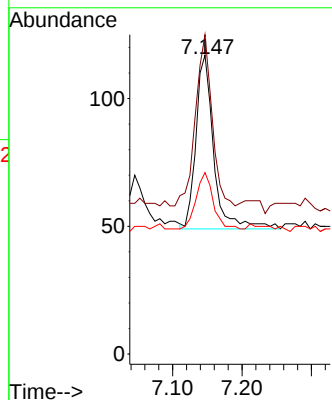
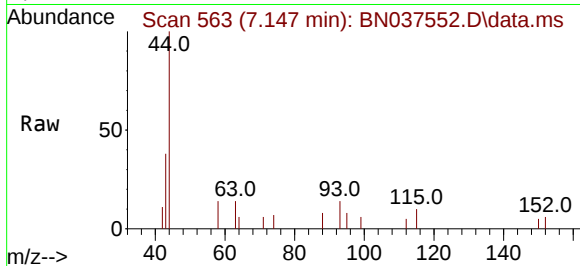




#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.147 min Scan# 501
Delta R.T. -0.000 min
Lab File: BN037552.D
Acq: 30 Jul 2025 12:03

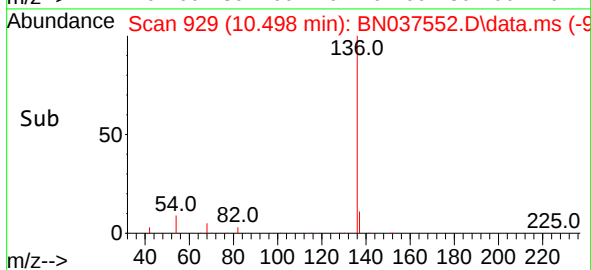
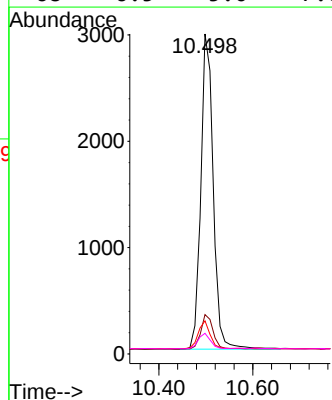
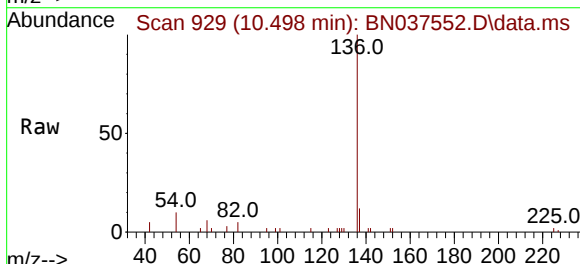
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250724

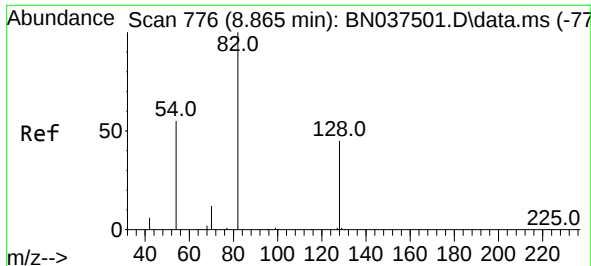
Tgt Ion: 93 Resp: 121
Ion Ratio Lower Upper
93 100
63 94.2 58.2 87.4#
95 30.6 25.3 37.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN037552.D
Acq: 30 Jul 2025 12:03

Tgt Ion: 136 Resp: 5437
Ion Ratio Lower Upper
136 100
137 12.3 9.8 14.8
54 10.3 6.6 9.8#
68 6.5 5.0 7.6

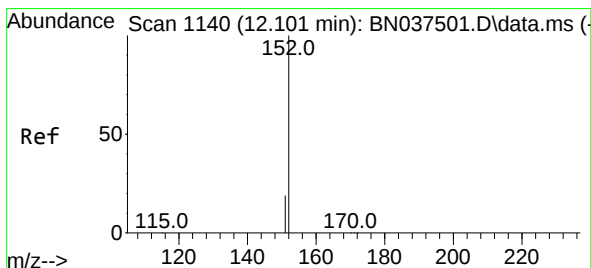
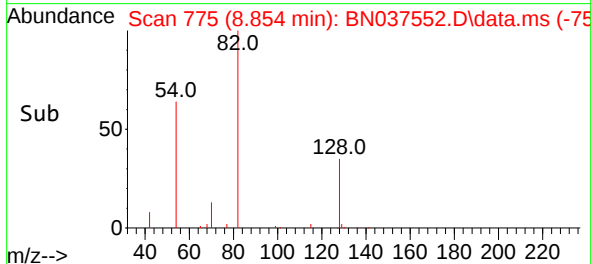
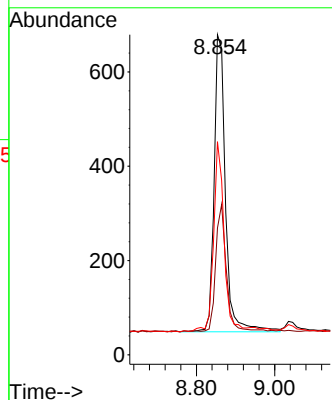
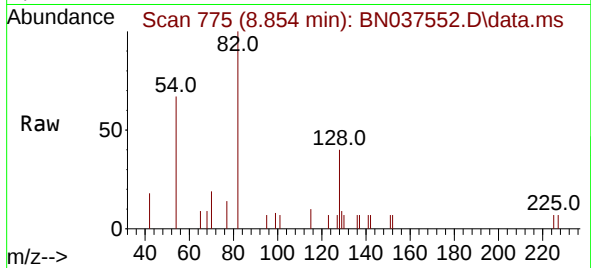




#8
 Nitrobenzene-d5
 Concen: 0.313 ng
 RT: 8.854 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN037552.D
 Acq: 30 Jul 2025 12:03

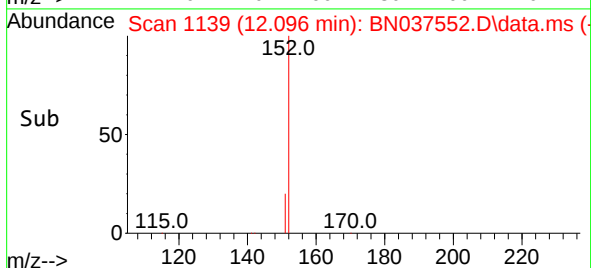
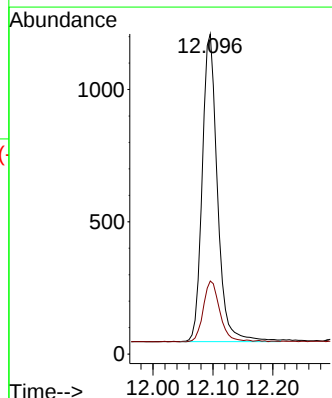
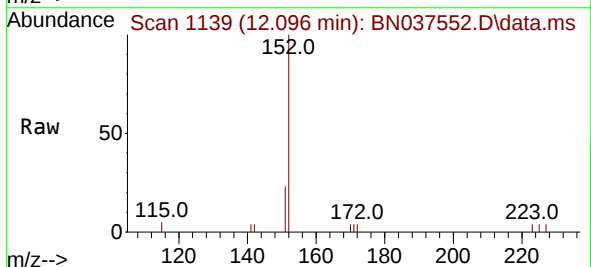
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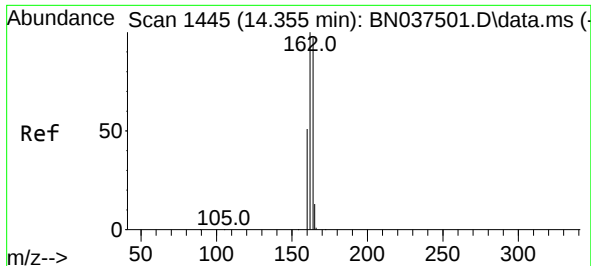
Tgt Ion: 82 Resp: 1271
 Ion Ratio Lower Upper
 82 100
 128 39.6 37.5 56.3
 54 66.6 45.3 67.9



#11
 2-Methylnaphthalene-d10
 Concen: 0.262 ng
 RT: 12.096 min Scan# 1139
 Delta R.T. -0.005 min
 Lab File: BN037552.D
 Acq: 30 Jul 2025 12:03

Tgt Ion: 152 Resp: 2047
 Ion Ratio Lower Upper
 152 100
 151 21.7 16.8 25.2

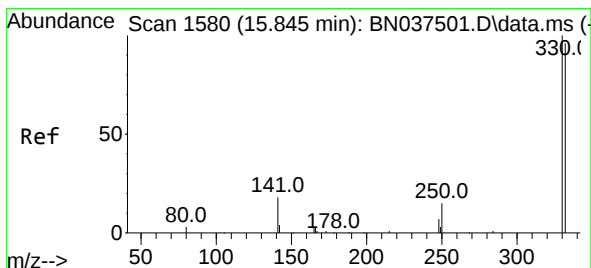
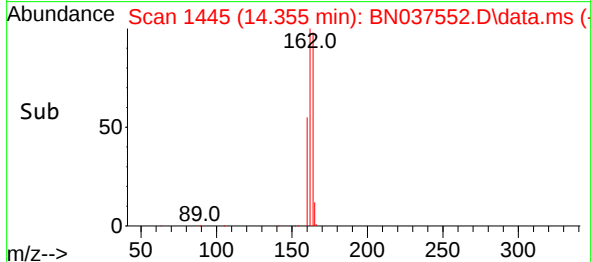
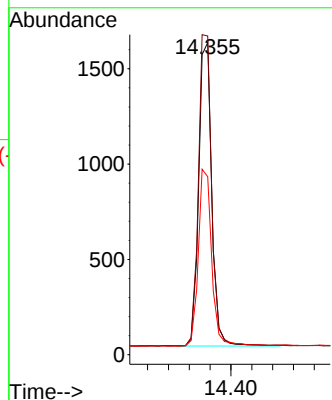
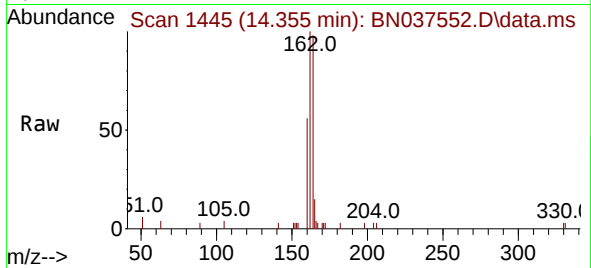




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN037552.D
Acq: 30 Jul 2025 12:03

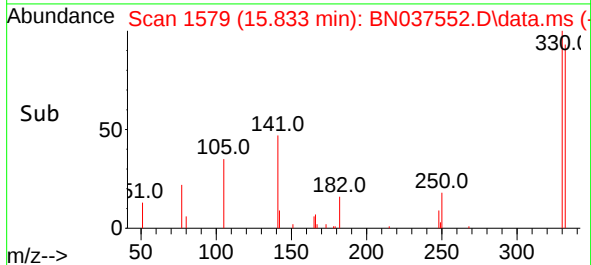
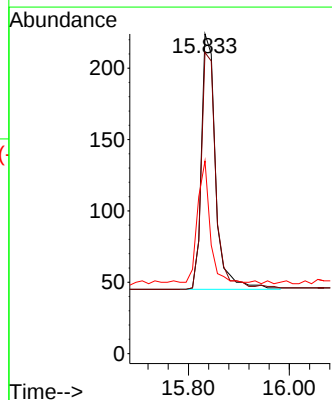
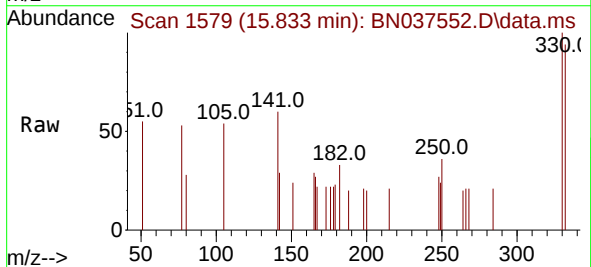
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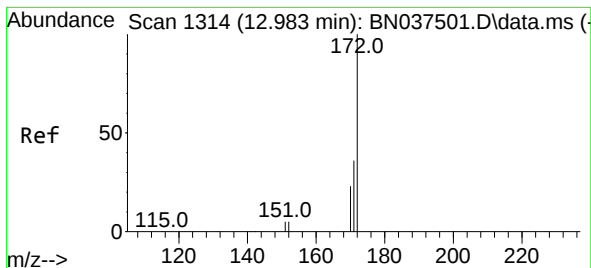
Tgt Ion:164 Resp: 2763
Ion Ratio Lower Upper
164 100
162 102.1 82.0 123.0
160 57.0 42.4 63.6



#14
2,4,6-Tribromophenol
Concen: 0.258 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BN037552.D
Acq: 30 Jul 2025 12:03

Tgt Ion:330 Resp: 351
Ion Ratio Lower Upper
330 100
332 94.3 76.1 114.1
141 41.9 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 0.330 ng

RT: 12.978 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037552.D

Acq: 30 Jul 2025 12:03

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250724

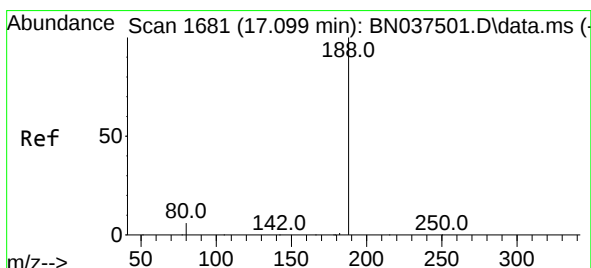
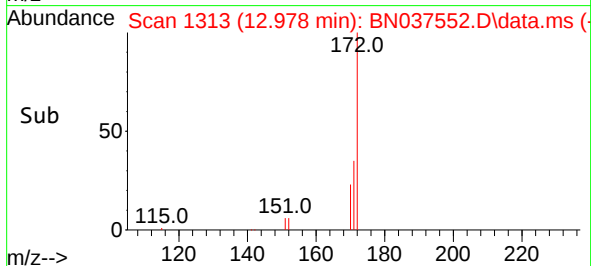
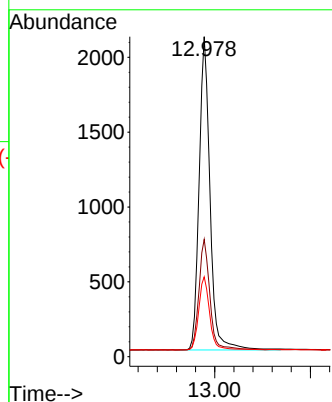
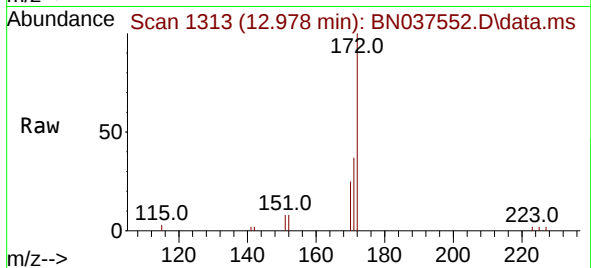
Tgt Ion:172 Resp: 4736

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.2

170 25.0 19.4 29.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BN037552.D

Acq: 30 Jul 2025 12:03

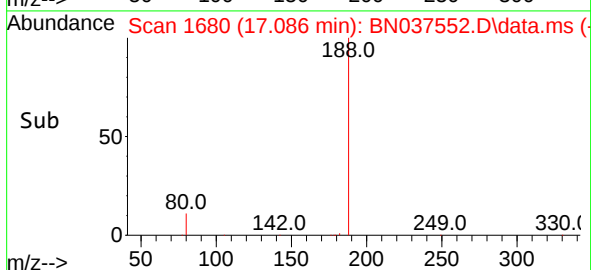
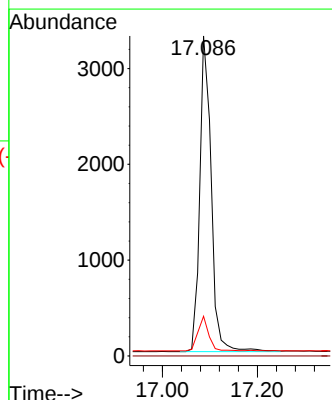
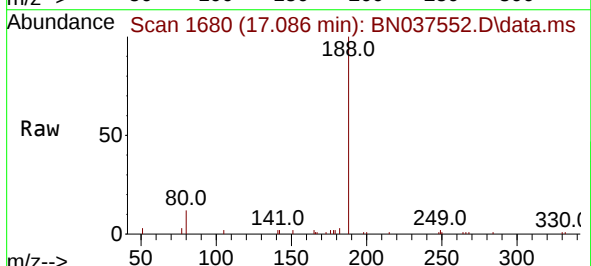
Tgt Ion:188 Resp: 5503

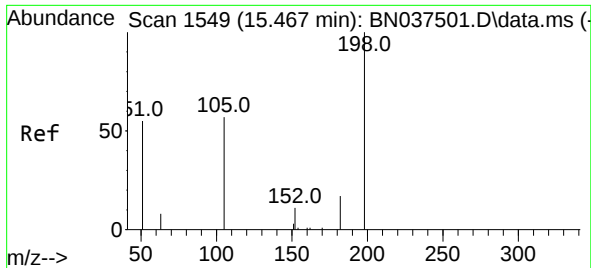
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 6.0 9.0#

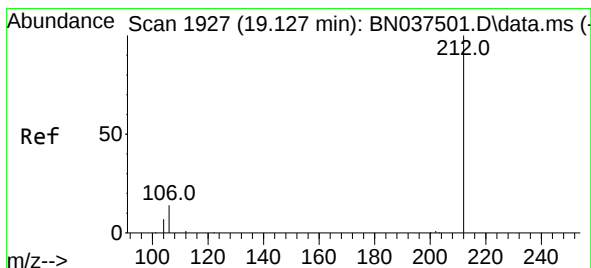
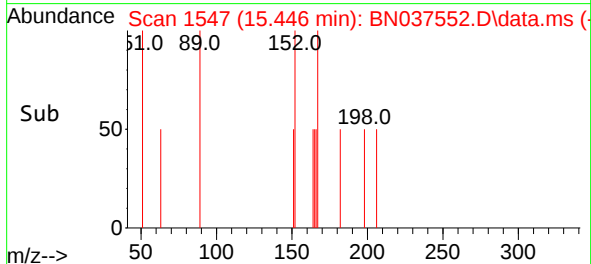
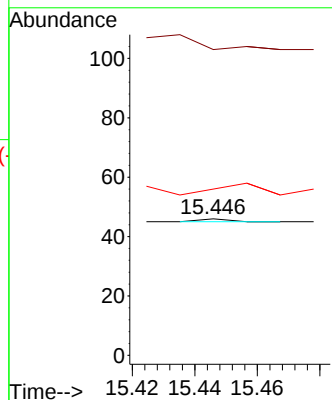
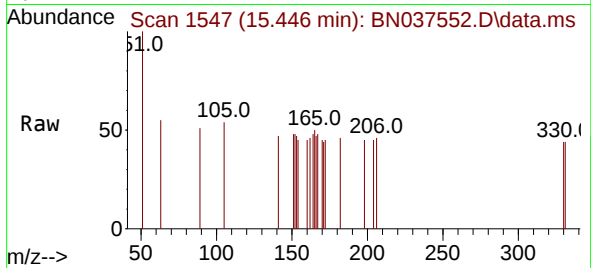




#20
4,6-Dinitro-2-methylphenol
Concen: 0.095 ng
RT: 15.446 min Scan# 1
Delta R.T. -0.021 min
Lab File: BN037552.D
Acq: 30 Jul 2025 12:03

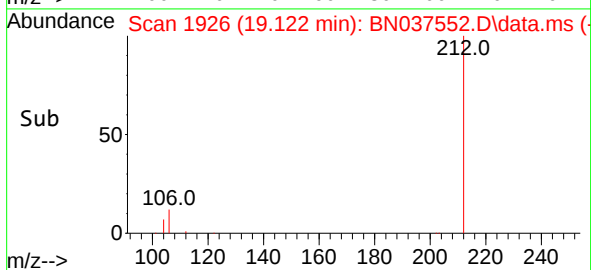
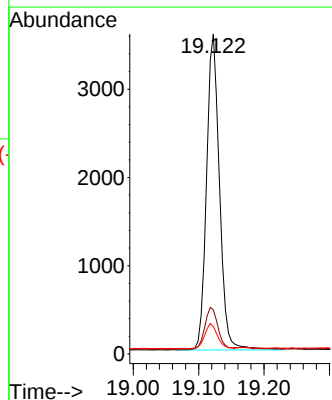
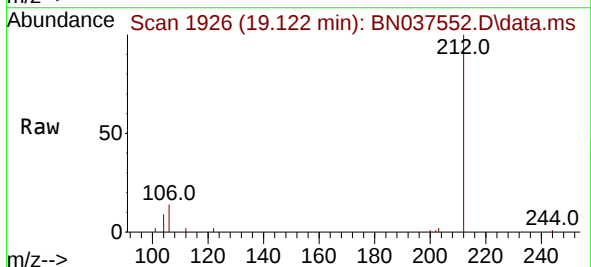
Instrument :
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RW7-SP100-20250724

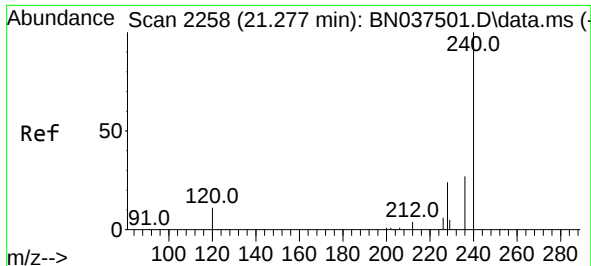
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 223.9 88.5 132.7#
105 121.7 61.2 91.8#



#27
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037552.D
Acq: 30 Jul 2025 12:03

Tgt Ion:212 Resp: 4908
Ion Ratio Lower Upper
212 100
106 13.4 12.2 18.4
104 7.6 6.7 10.1

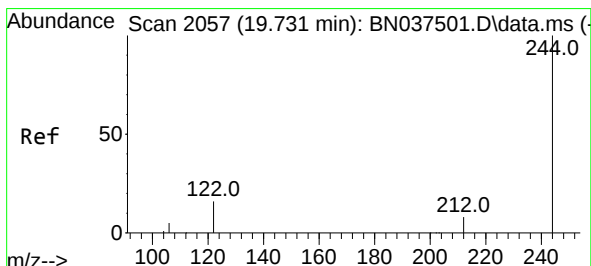
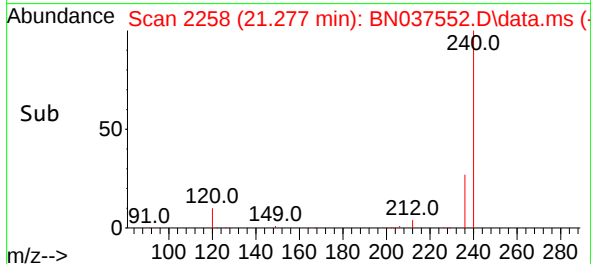
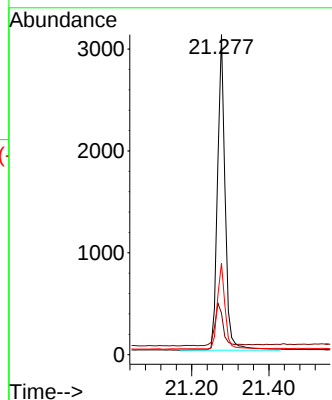
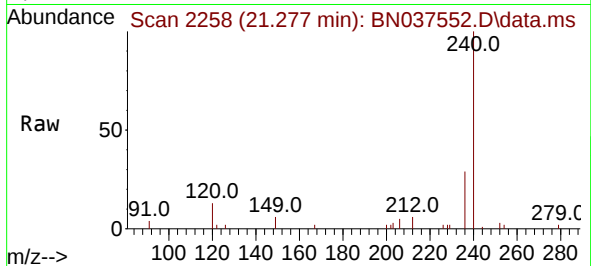




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037552.D
Acq: 30 Jul 2025 12:03

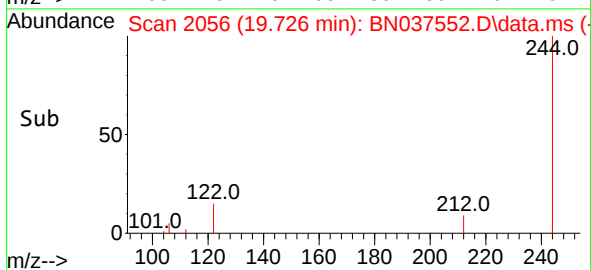
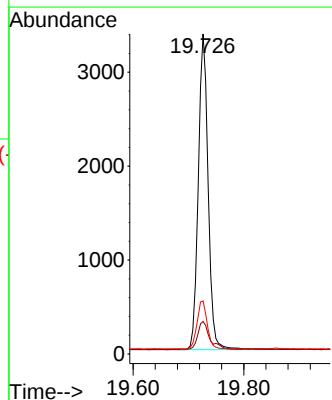
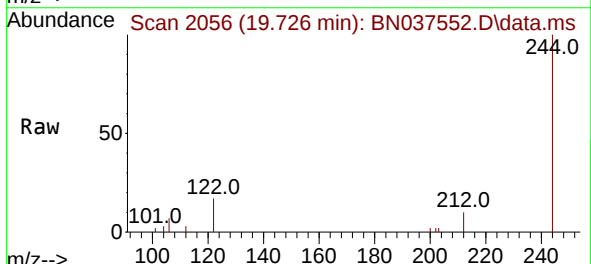
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250724

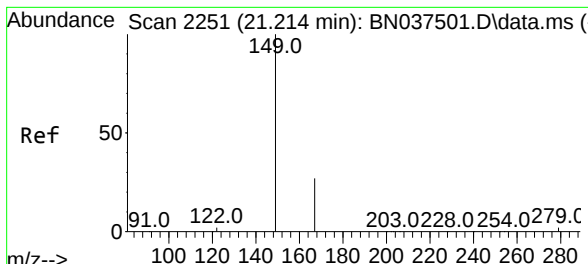
Tgt Ion:240	Resp:	4223	
Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.7	16.1
236	28.6	22.6	33.8



#31
Terphenyl-d14
Concen: 0.460 ng
RT: 19.726 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN037552.D
Acq: 30 Jul 2025 12:03

Tgt Ion:244	Resp:	4173	
Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.4	11.2
122	16.6	13.6	20.4

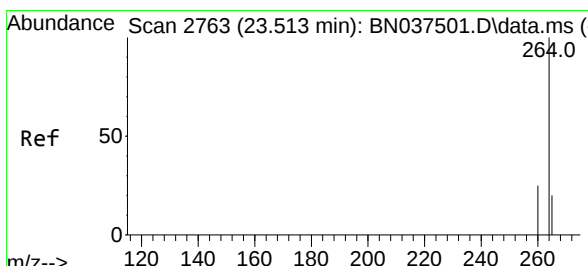
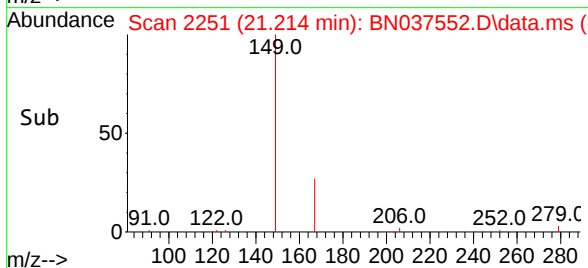
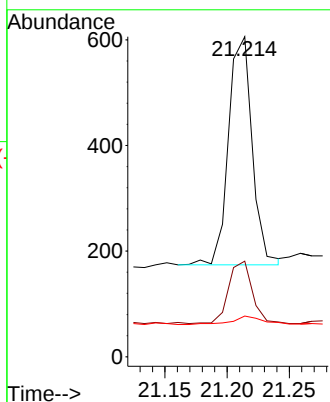
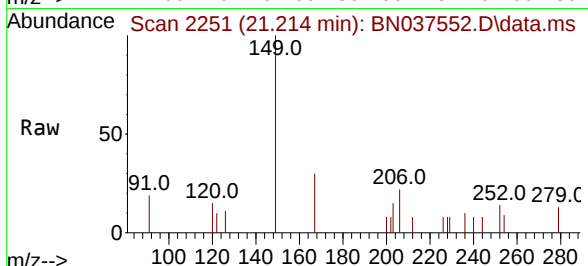




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.086 ng
 RT: 21.214 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037552.D
 Acq: 30 Jul 2025 12:03

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250724

Tgt Ion:	149	Resp:	571
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.8	32.8
279	4.9	3.0	4.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.510 min Scan# 2762
 Delta R.T. -0.003 min
 Lab File: BN037552.D
 Acq: 30 Jul 2025 12:03

Tgt Ion:	264	Resp:	3679
Ion Ratio	Lower	Upper	
264	100		
260	27.7	21.2	31.8
265	59.7	40.4	60.6

