

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
 Data File : BN037052.D
 Acq On : 19 May 2025 19:16
 Operator : RC/JU
 Sample : Q2051-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250514

Quant Time: May 19 23:46:21 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)

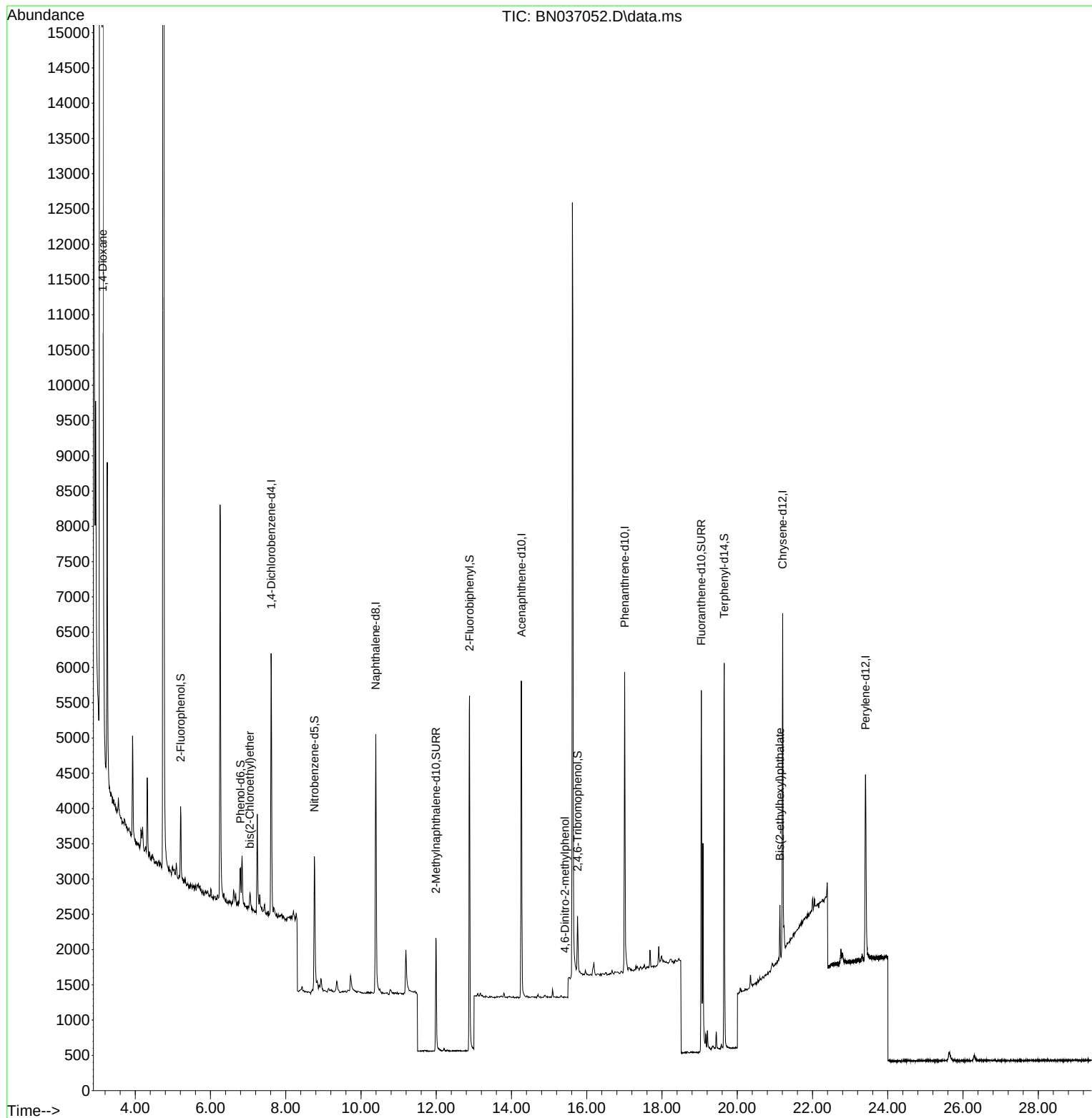
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1826	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4828	0.400	ng	#-0.01
13) Acenaphthene-d10	14.267	164	2874	0.400	ng	0.00
19) Phenanthrene-d10	17.009	188	5711	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	4467	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	3746	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	728	0.152	ng	0.00
5) Phenol-d6	6.795	99	487	0.081	ng	0.00
8) Nitrobenzene-d5	8.760	82	1855	0.353	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2366	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	461	0.365	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	4997	0.380	ng	0.00
27) Fluoranthene-d10	19.045	212	5904	0.377	ng	0.00
31) Terphenyl-d14	19.653	244	5080	0.532	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.133	88	9091	4.057	ng	Qvalue 95
6) bis(2-Chloroethyl)ether	7.048	93	144	0.026	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.421	198	4	0.027	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	775	0.075	ng	# 94

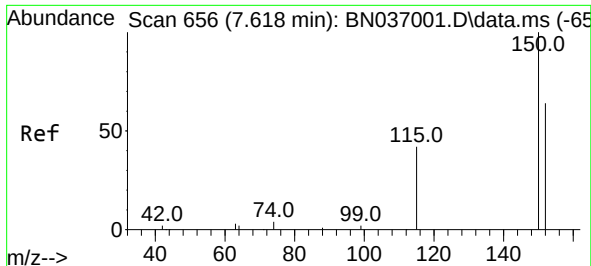
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
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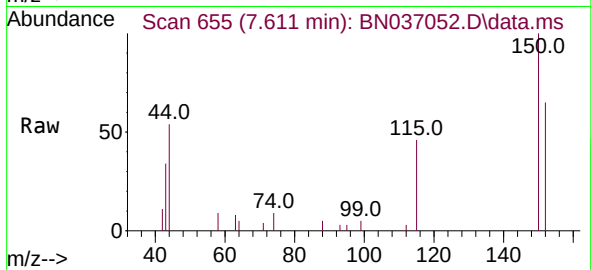
Quant Time: May 19 23:46:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
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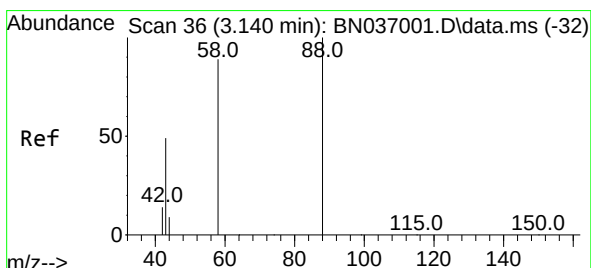
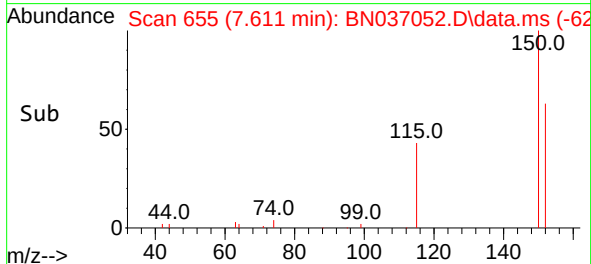
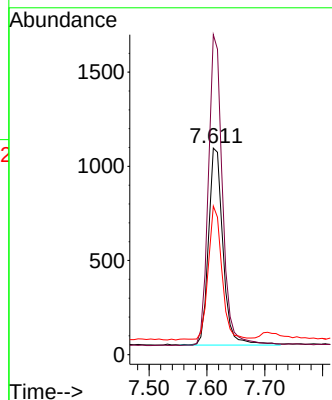
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037052.D
 Acq: 19 May 2025 19:16

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250514



Tgt Ion:152 Resp: 1826

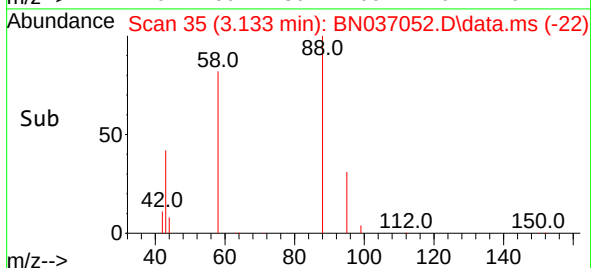
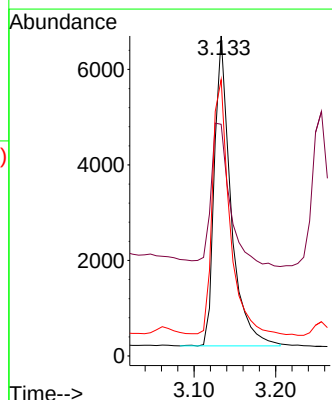
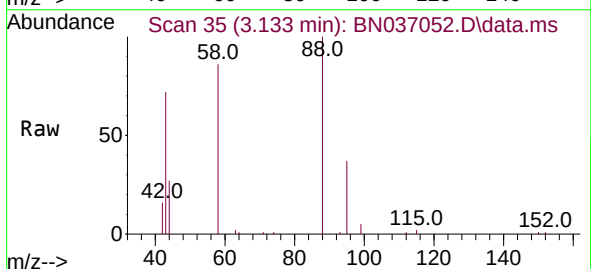
Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.9	185.9
115	71.9	55.8	83.8

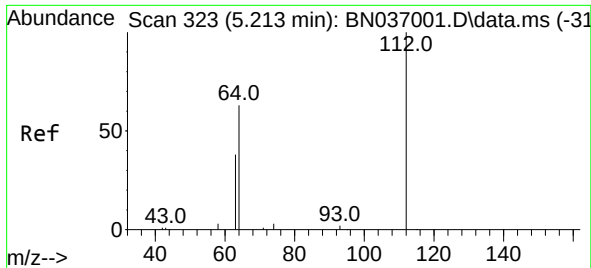


#2
 1,4-Dioxane
 Concen: 4.057 ng
 RT: 3.133 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN037052.D
 Acq: 19 May 2025 19:16

Tgt Ion: 88 Resp: 9091

Ion	Ratio	Lower	Upper
88	100		
43	53.7	37.4	56.0
58	84.8	68.8	103.2





#4

2-Fluorophenol

Concen: 0.152 ng

RT: 5.206 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN037052.D

Acq: 19 May 2025 19:16

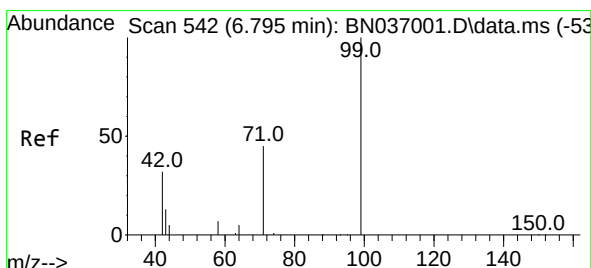
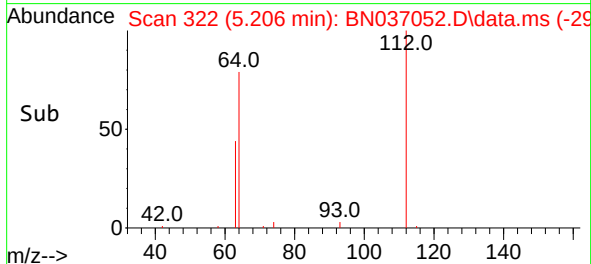
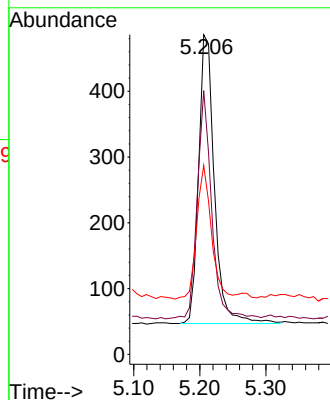
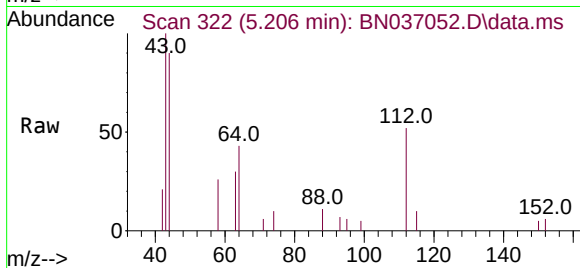
Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250514

Tgt Ion:	112	Resp:	728
Ion	Ratio	Lower	Upper
112	100		
64	72.4	55.7	83.5
63	43.1	34.6	51.8



#5

Phenol-d6

Concen: 0.081 ng

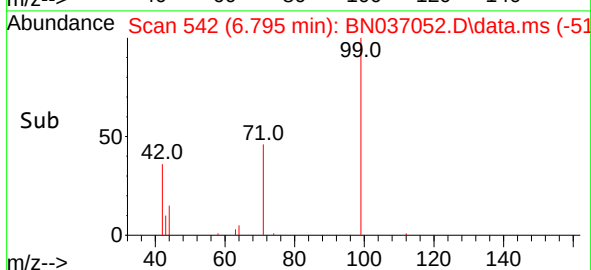
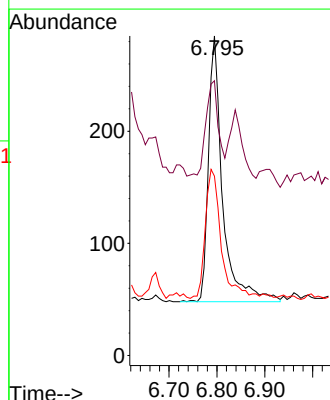
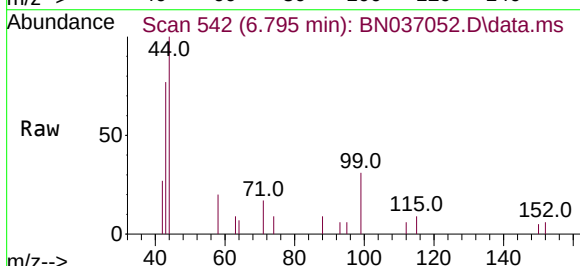
RT: 6.795 min Scan# 542

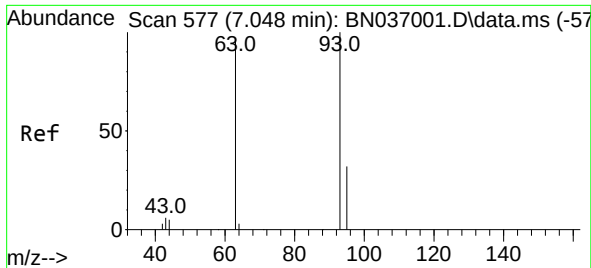
Delta R.T. -0.000 min

Lab File: BN037052.D

Acq: 19 May 2025 19:16

Tgt Ion:	99	Resp:	487
Ion	Ratio	Lower	Upper
99	100		
42	34.3	29.3	43.9
71	54.0	35.7	53.5

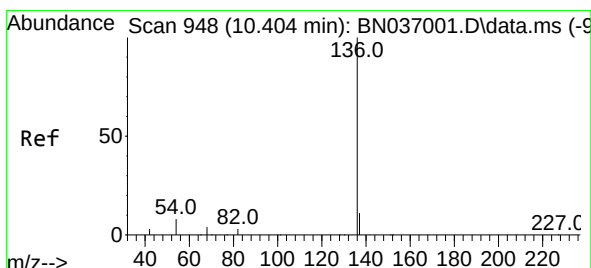
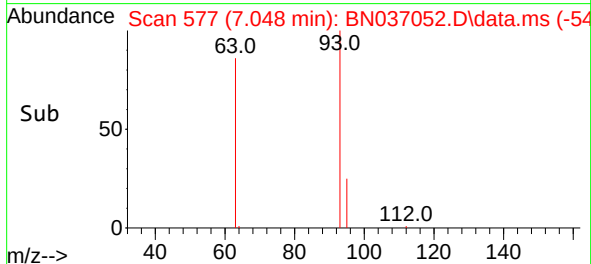
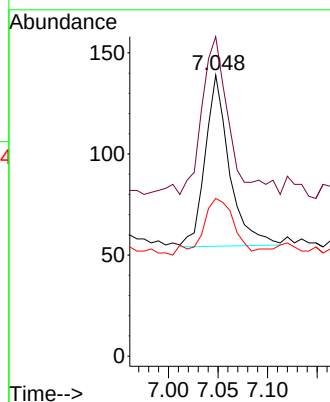
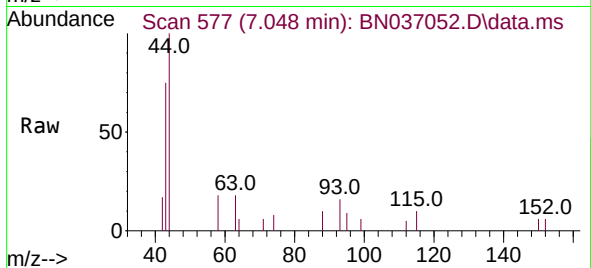




#6
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 7.048 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037052.D
Acq: 19 May 2025 19:16

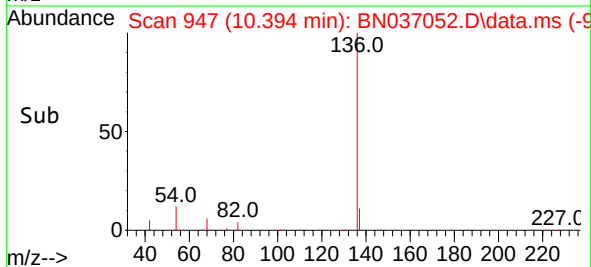
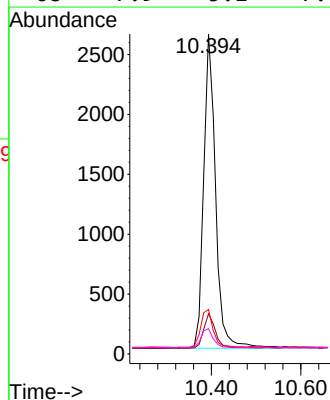
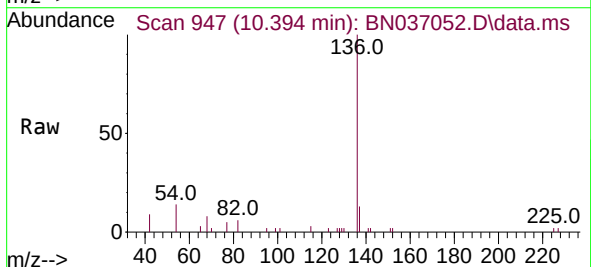
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250514

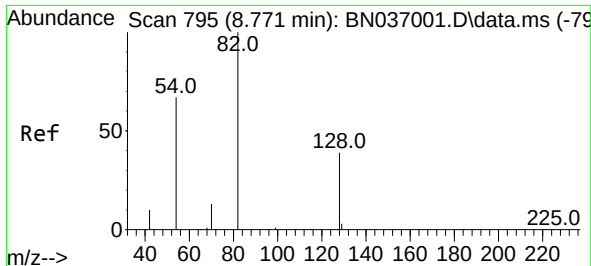
Tgt Ion: 93 Resp: 144
Ion Ratio Lower Upper
93 100
63 104.9 70.1 105.1
95 43.1 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037052.D
Acq: 19 May 2025 19:16

Tgt Ion: 136 Resp: 4828
Ion Ratio Lower Upper
136 100
137 12.5 10.4 15.6
54 13.9 8.5 12.7#
68 7.9 5.1 7.7#

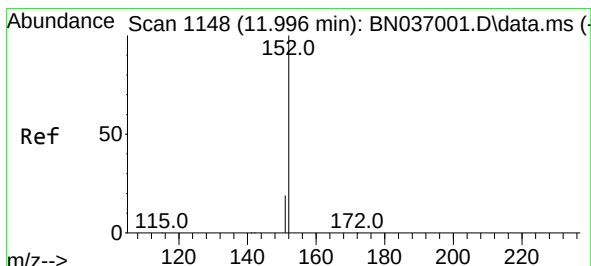
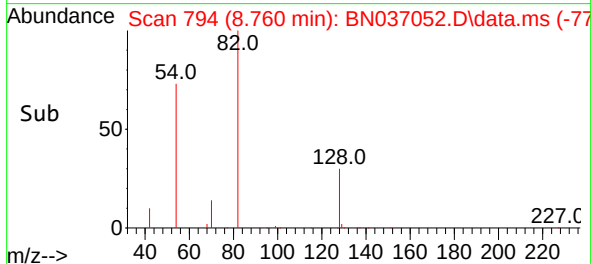
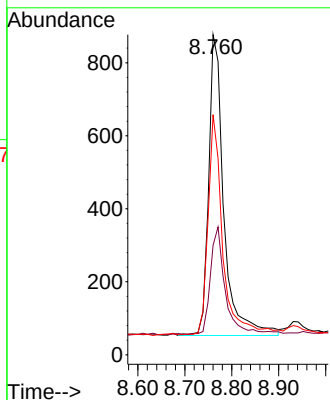
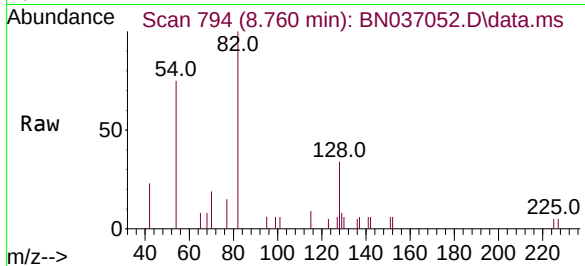




#8
 Nitrobenzene-d5
 Concen: 0.353 ng
 RT: 8.760 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BN037052.D
 Acq: 19 May 2025 19:16

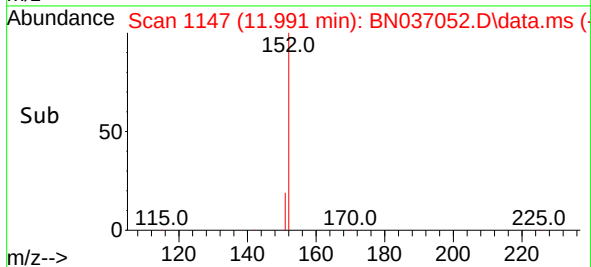
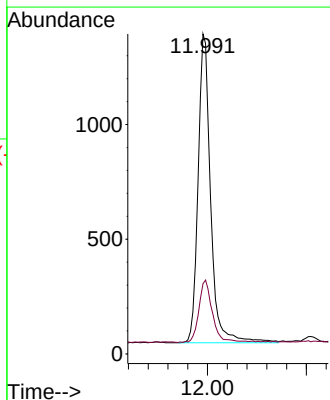
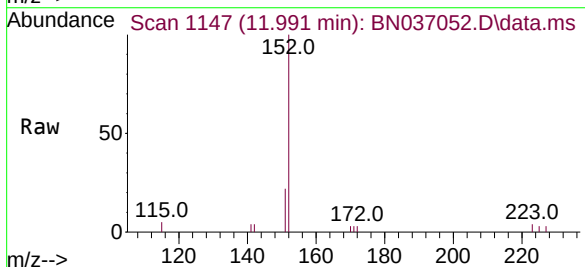
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250514

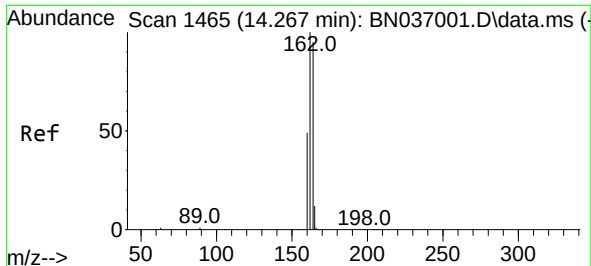
Tgt Ion: 82	Resp:	1855
Ion	Ratio	Lower Upper
82	100	
128	34.2	34.0 51.0
54	75.0	55.0 82.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.348 ng
 RT: 11.991 min Scan# 1147
 Delta R.T. -0.005 min
 Lab File: BN037052.D
 Acq: 19 May 2025 19:16

Tgt Ion: 152	Resp:	2366
Ion	Ratio	Lower Upper
152	100	
151	21.8	17.5 26.3

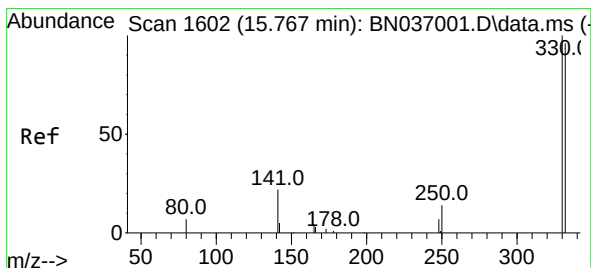
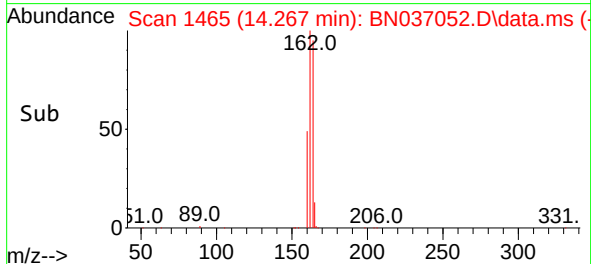
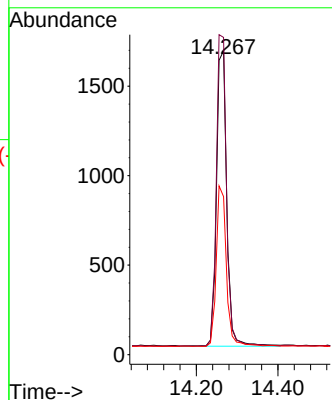
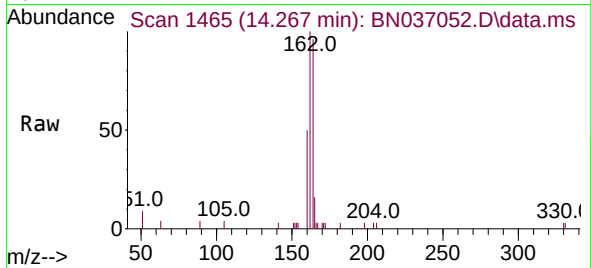




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037052.D
Acq: 19 May 2025 19:16

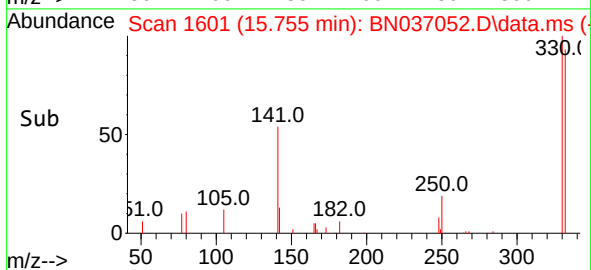
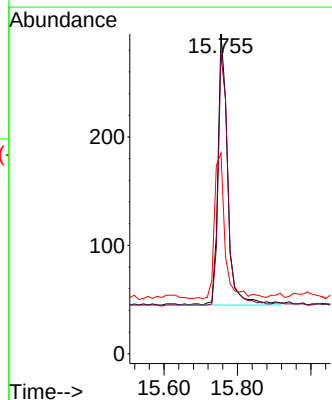
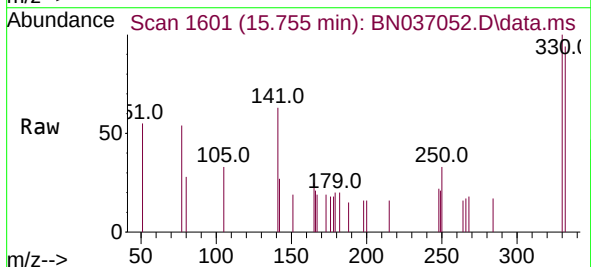
Instrument :
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ClientSampleId :
RW7-SP100-20250514

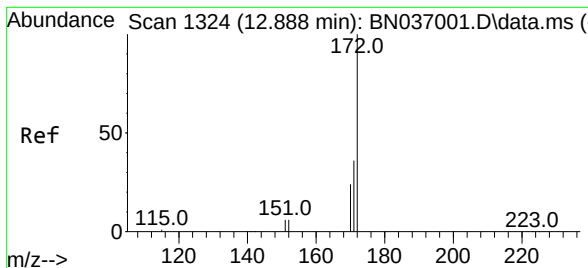
Tgt Ion:164 Resp: 2874
Ion Ratio Lower Upper
164 100
162 104.4 84.2 126.4
160 52.0 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037052.D
Acq: 19 May 2025 19:16

Tgt Ion:330 Resp: 461
Ion Ratio Lower Upper
330 100
332 92.4 73.8 110.8
141 58.4 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.380 ng

RT: 12.883 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037052.D

Acq: 19 May 2025 19:16

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250514

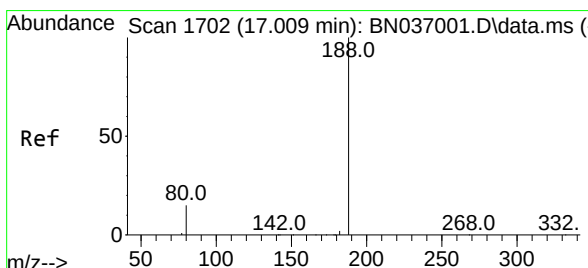
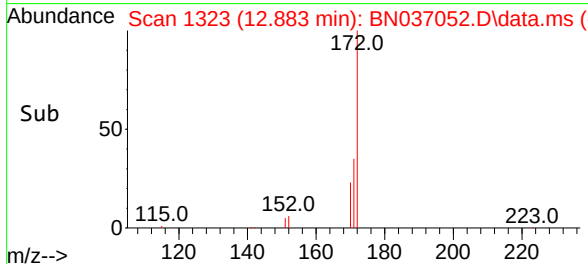
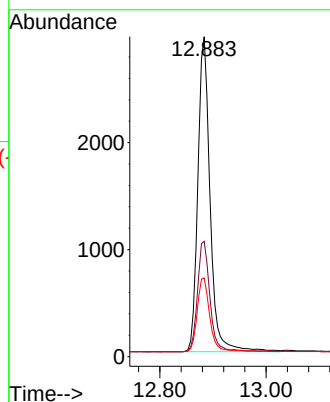
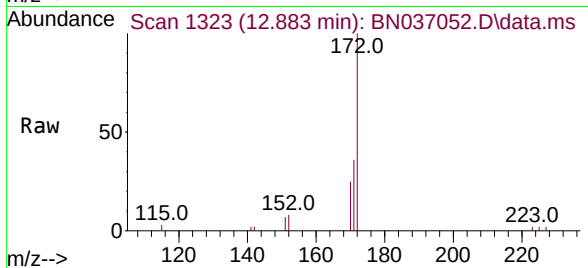
Tgt Ion:172 Resp: 4997

Ion Ratio Lower Upper

172 100

171 36.1 29.2 43.8

170 24.6 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: BN037052.D

Acq: 19 May 2025 19:16

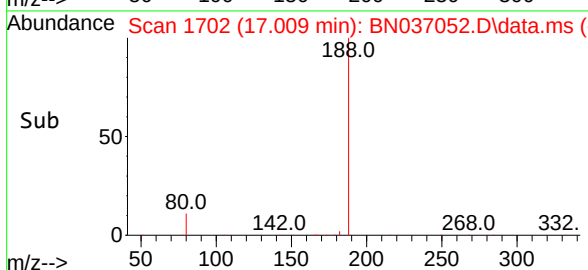
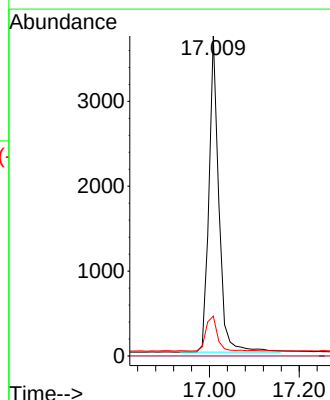
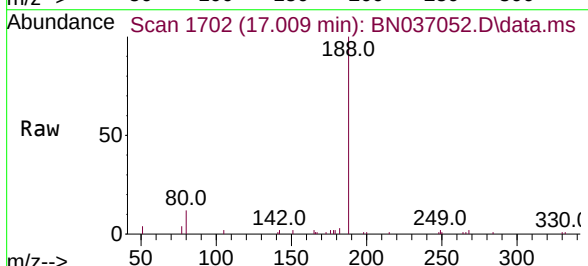
Tgt Ion:188 Resp: 5711

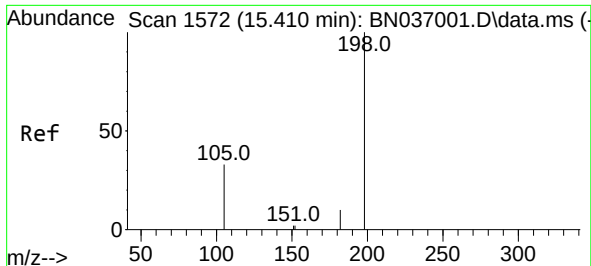
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.5 13.4 20.0#

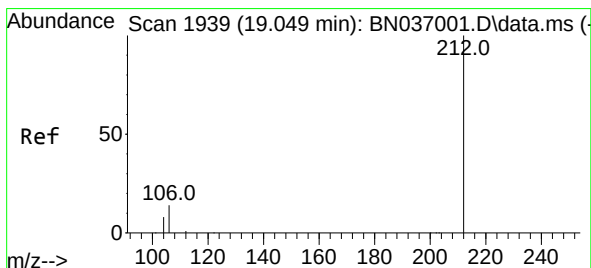
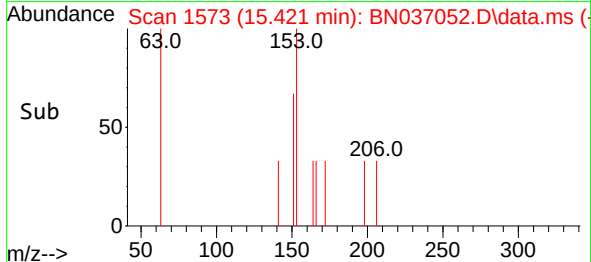
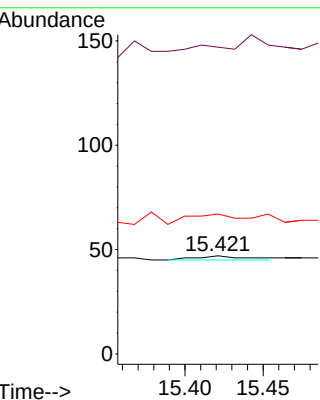
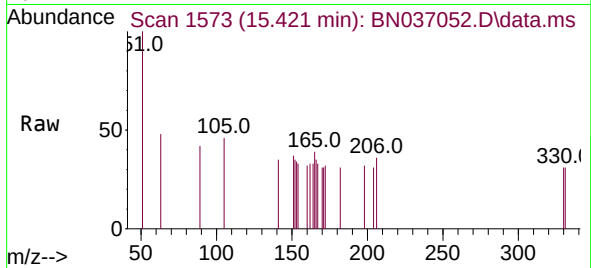




#20
4,6-Dinitro-2-methylphenol
Concen: 0.027 ng
RT: 15.421 min Scan# 1572
Delta R.T. 0.011 min
Lab File: BN037052.D
Acq: 19 May 2025 19:16

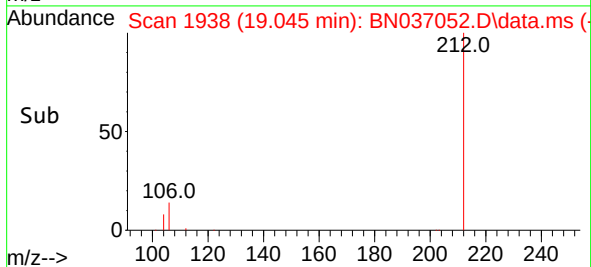
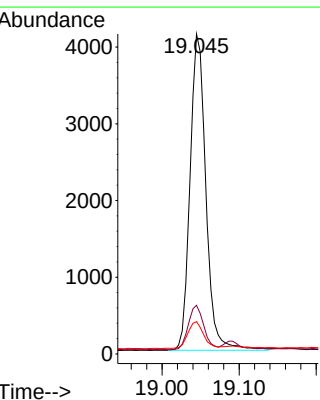
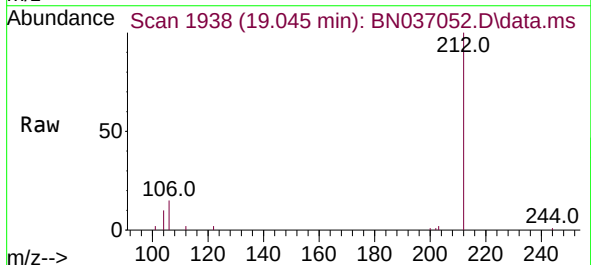
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250514

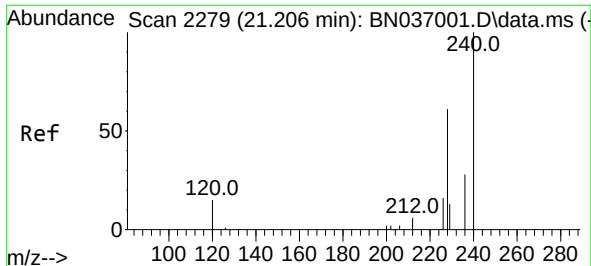
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 312.8 87.8 131.6#
105 142.6 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.045 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037052.D
Acq: 19 May 2025 19:16

Tgt Ion:212 Resp: 5904
Ion Ratio Lower Upper
212 100
106 13.7 11.3 16.9
104 8.5 6.7 10.1

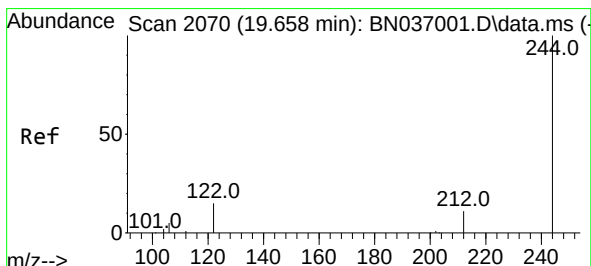
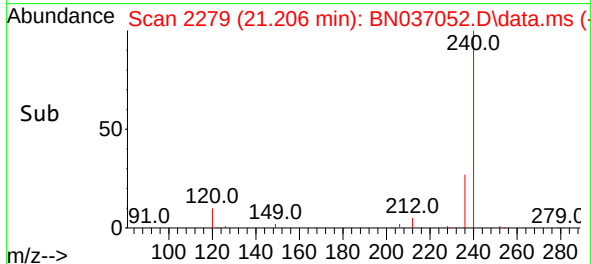
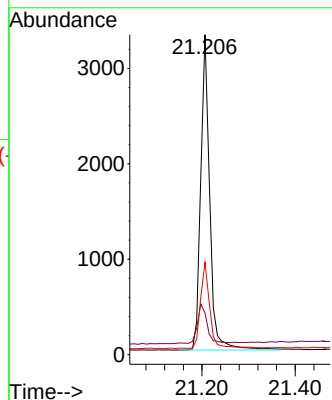
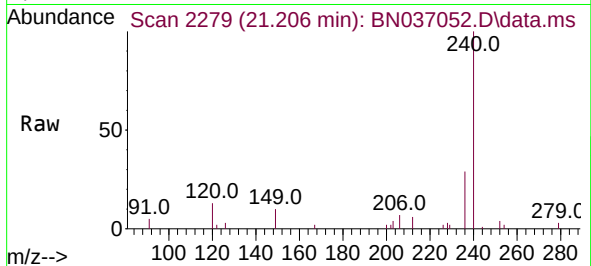




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037052.D
Acq: 19 May 2025 19:16

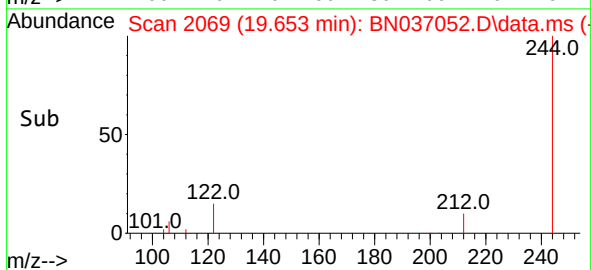
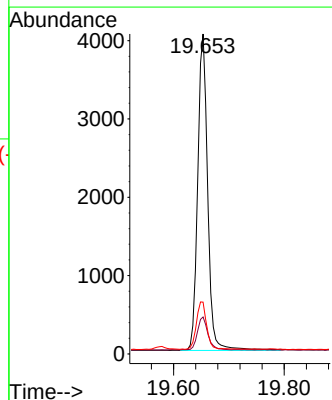
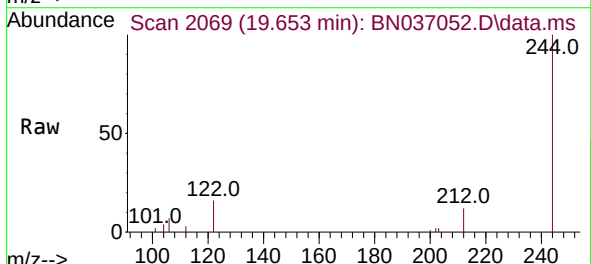
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250514

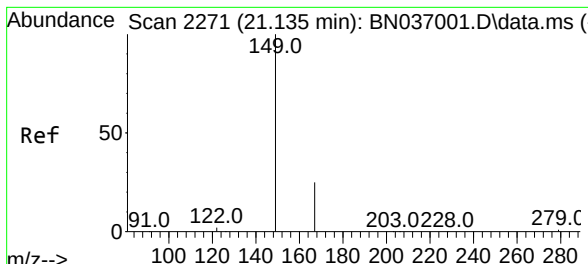
Tgt Ion:240 Resp: 4467
Ion Ratio Lower Upper
240 100
120 13.1 15.1 22.7#
236 28.9 24.0 36.0



#31
Terphenyl-d14
Concen: 0.532 ng
RT: 19.653 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN037052.D
Acq: 19 May 2025 19:16

Tgt Ion:244 Resp: 5080
Ion Ratio Lower Upper
244 100
212 11.5 9.7 14.5
122 16.2 13.4 20.0



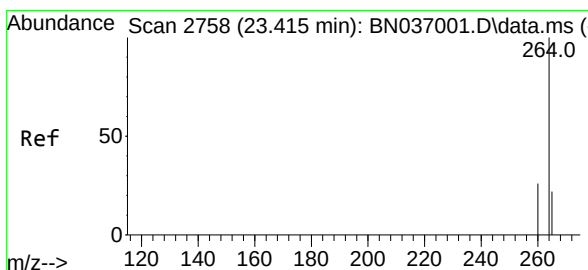
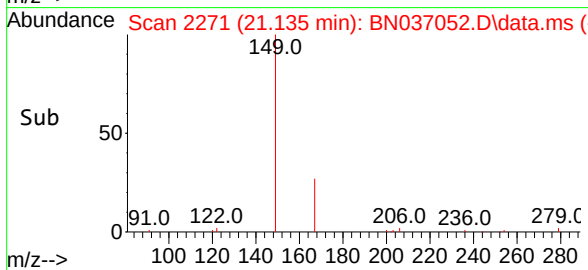
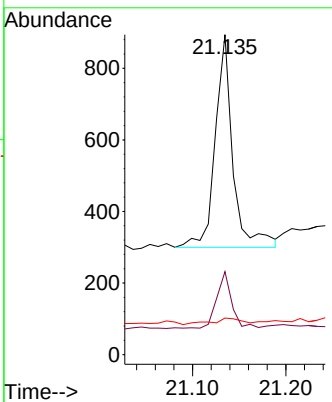
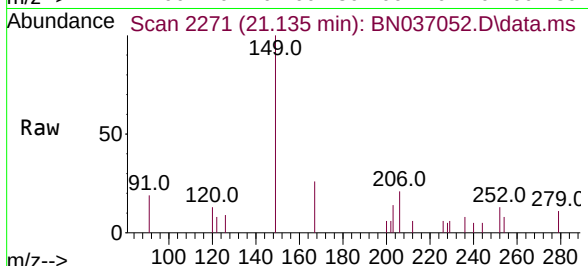


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.135 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: BN037052.D
 Acq: 19 May 2025 19:16

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250514

Tgt Ion:149 Resp: 775

Ion	Ratio	Lower	Upper
149	100		
167	22.5	20.6	30.8
279	5.0	2.6	3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.409 min Scan# 2756
 Delta R.T. -0.006 min
 Lab File: BN037052.D
 Acq: 19 May 2025 19:16

Tgt Ion:264 Resp: 3746

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.9	32.9
265	74.8	51.6	77.4

