

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052125\
 Data File : BN037077.D
 Acq On : 20 May 2025 16:59
 Operator : RC/JU
 Sample : Q2063-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250515

Quant Time: May 21 01:38:10 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)

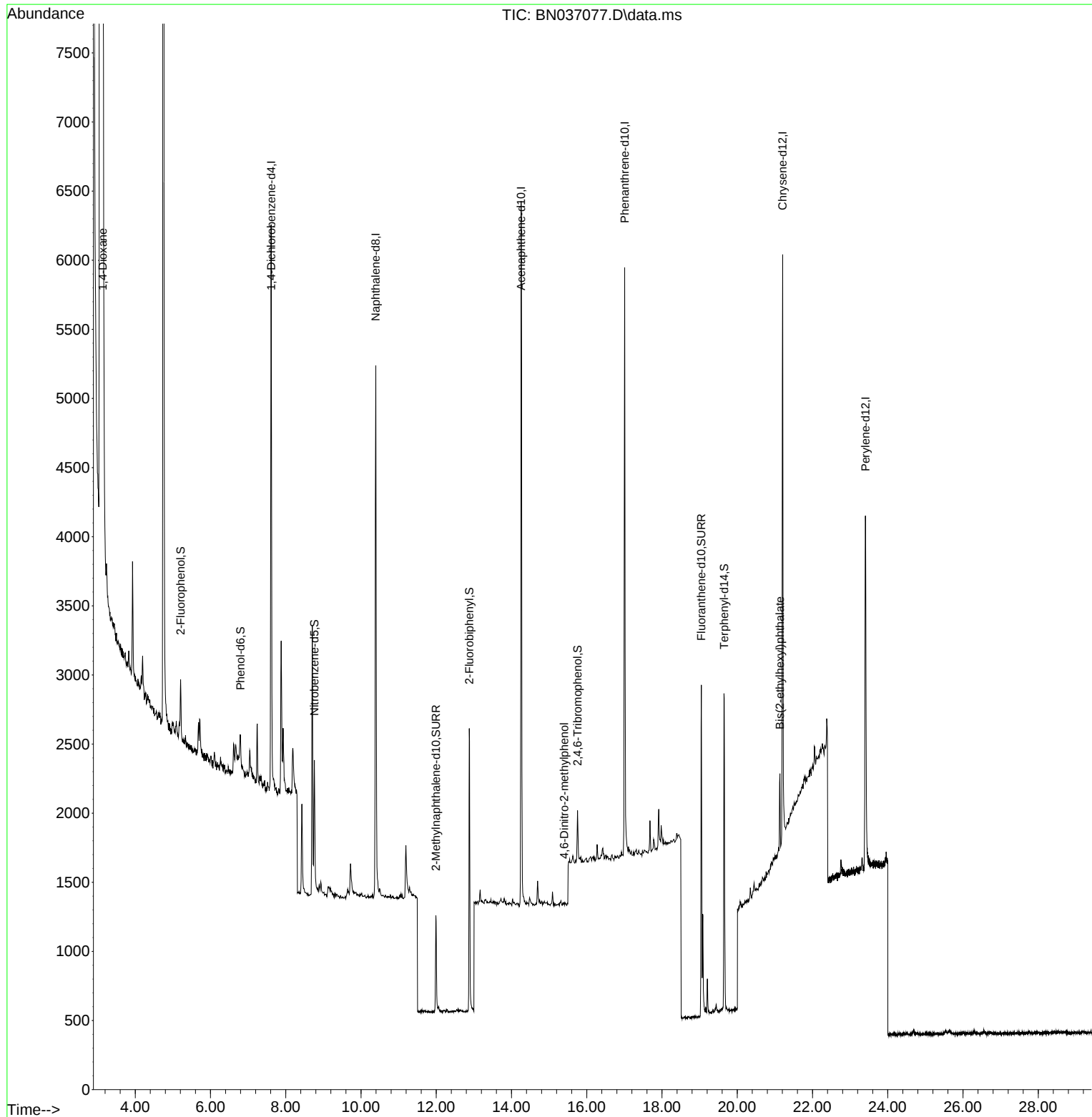
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1879	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5069	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2826	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5701	0.400	ng	# 0.00
29) Chrysene-d12	21.207	240	4060	0.400	ng	# 0.00
35) Perylene-d12	23.407	264	3512	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	286	0.058	ng	0.00
5) Phenol-d6	6.795	99	206	0.033	ng	0.00
8) Nitrobenzene-d5	8.760	82	828	0.150	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	1062	0.149	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	204	0.164	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	1890	0.146	ng	-0.01
27) Fluoranthene-d10	19.045	212	2702	0.173	ng	0.00
31) Terphenyl-d14	19.649	244	2206	0.254	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.133	88	6480	2.810	ng	Qvalue 96
20) 4,6-Dinitro-2-methylph...	15.400	198	2	0.025	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.135	149	584	0.062	ng	# 96

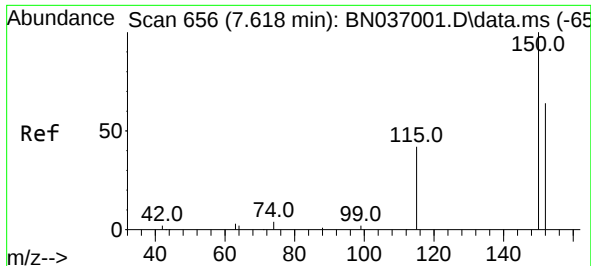
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052125\
Data File : BN037077.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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RW5-SP100-20250515

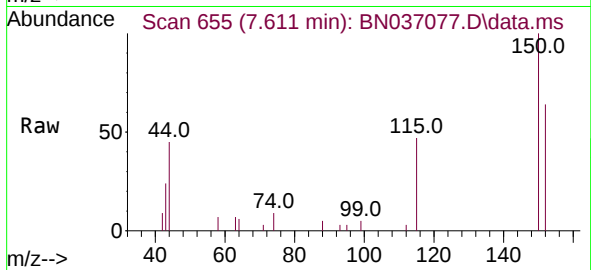
Quant Time: May 21 01:38:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration





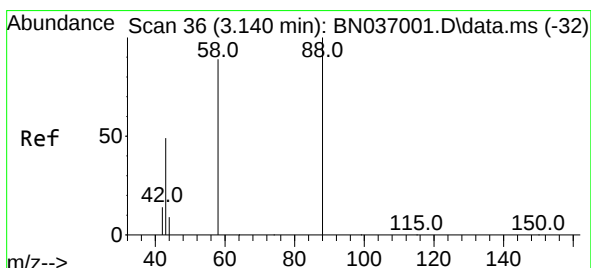
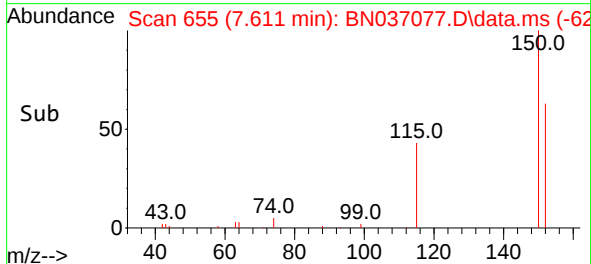
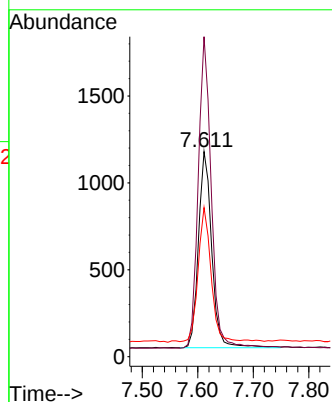
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037077.D
 Acq: 20 May 2025 16:59

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250515



Tgt Ion:152 Resp: 1879

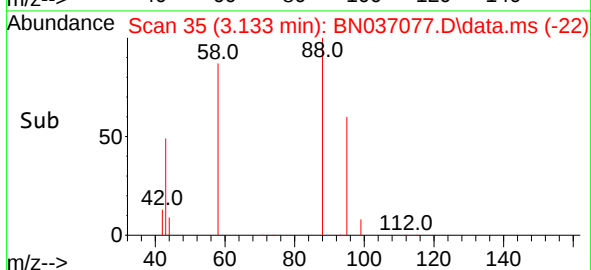
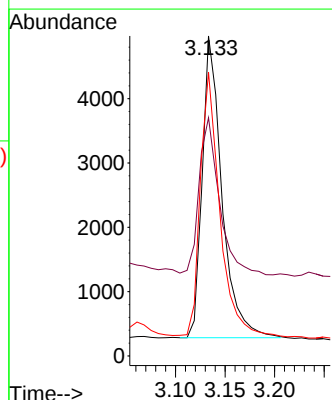
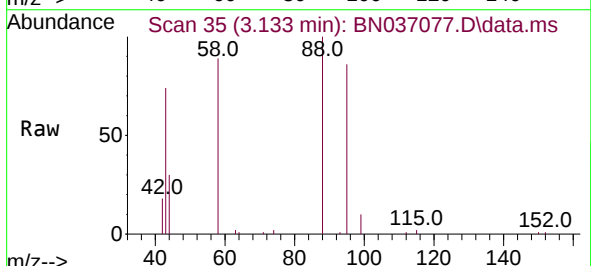
Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.9	185.9
115	72.7	55.8	83.8

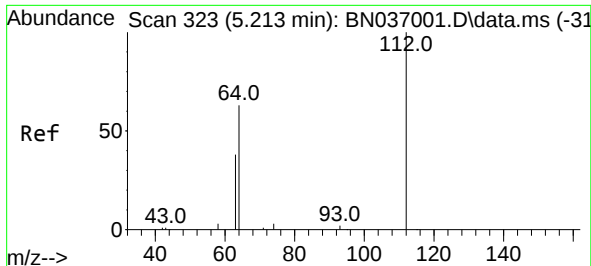


#2
 1,4-Dioxane
 Concen: 2.810 ng
 RT: 3.133 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN037077.D
 Acq: 20 May 2025 16:59

Tgt Ion: 88 Resp: 6480

Ion	Ratio	Lower	Upper
88	100		
43	53.7	37.4	56.0
58	85.9	68.8	103.2





#4

2-Fluorophenol

Concen: 0.058 ng

RT: 5.206 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN037077.D

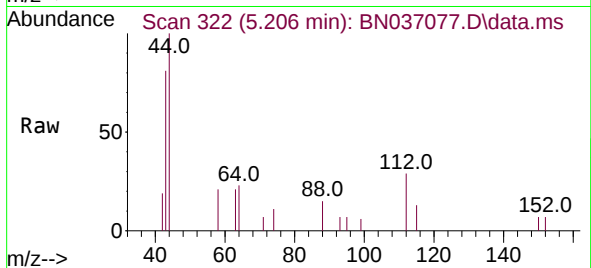
Acq: 20 May 2025 16:59

Instrument :

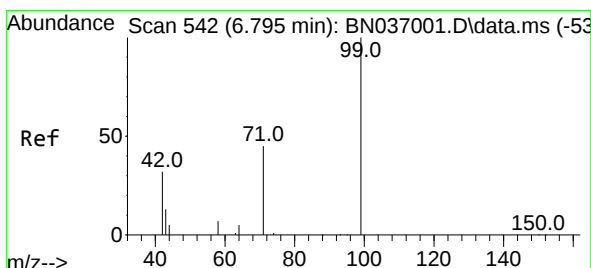
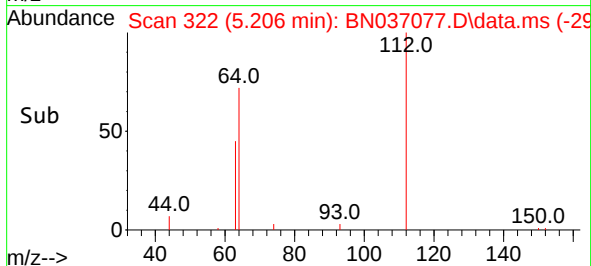
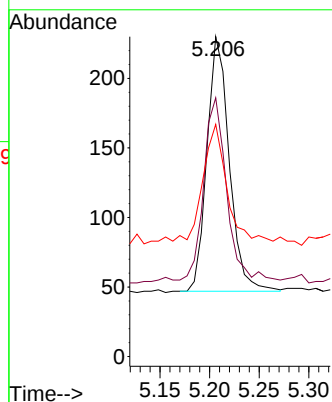
BNA_N

ClientSampleId :

RW5-SP100-20250515



Tgt Ion:	112	Resp:	286
Ion	Ratio	Lower	Upper
112	100		
64	75.5	55.7	83.5
63	56.3	34.6	51.8



#5

Phenol-d6

Concen: 0.033 ng

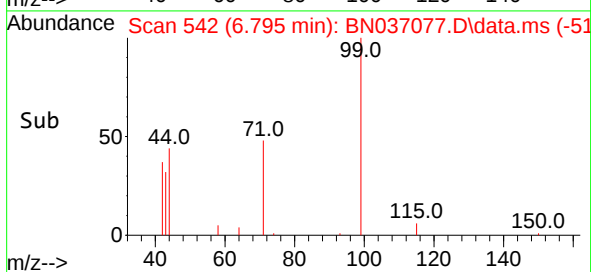
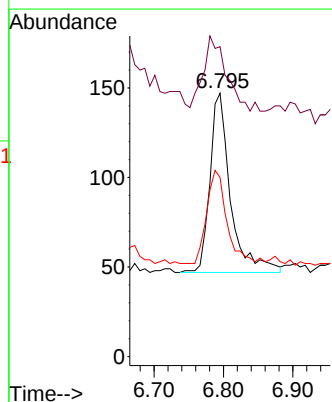
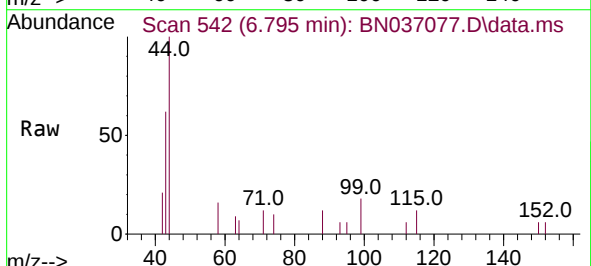
RT: 6.795 min Scan# 542

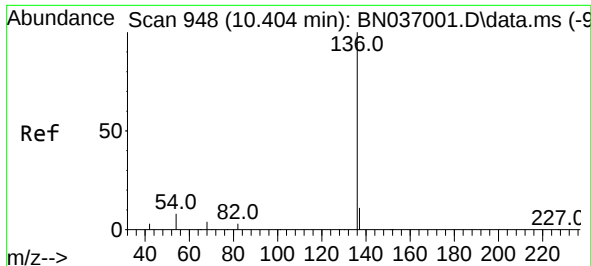
Delta R.T. 0.000 min

Lab File: BN037077.D

Acq: 20 May 2025 16:59

Tgt Ion:	99	Resp:	206
Ion	Ratio	Lower	Upper
99	100		
42	47.6	29.3	43.9
71	50.0	35.7	53.5

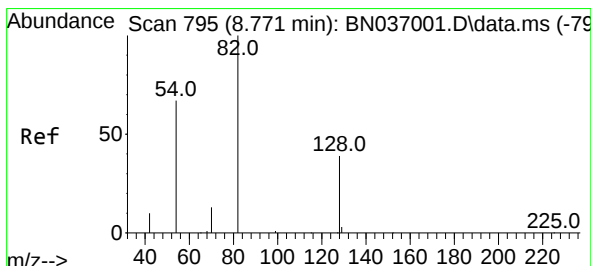
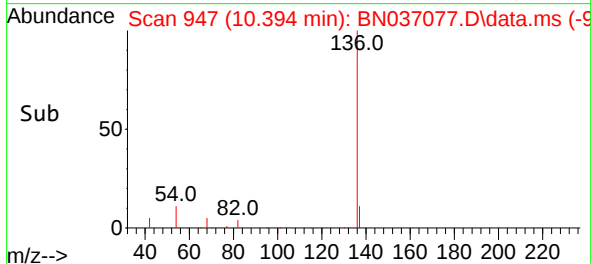
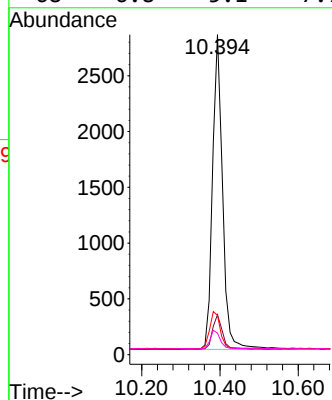
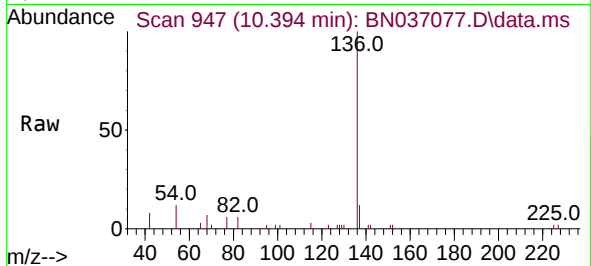




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN037077.D
Acq: 20 May 2025 16:59

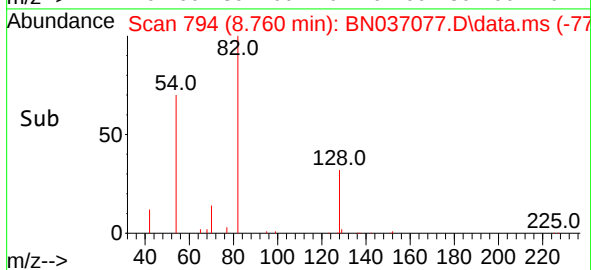
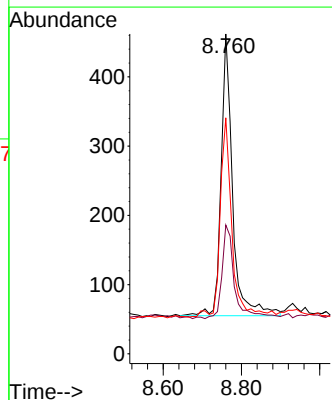
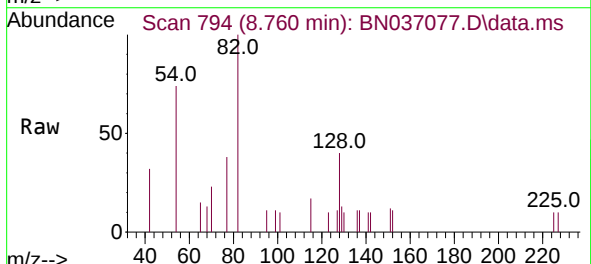
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250515

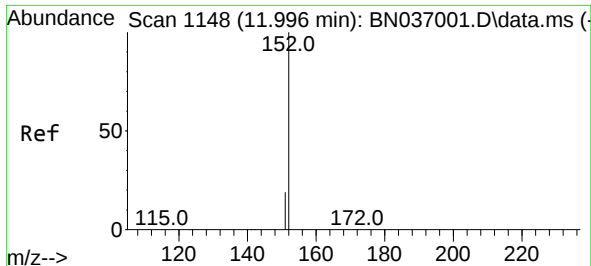
Tgt Ion:	136	Resp:	5069
Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.4	15.6
54	12.3	8.5	12.7
68	6.8	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.150 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037077.D
Acq: 20 May 2025 16:59

Tgt Ion:	82	Resp:	828
Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.0	51.0
54	73.8	55.0	82.4

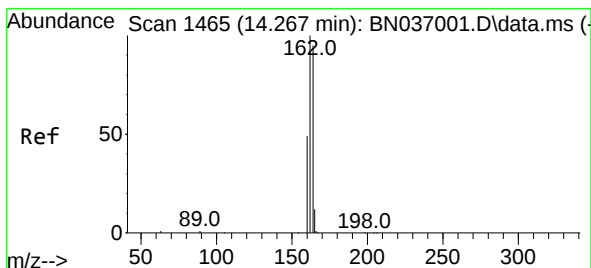
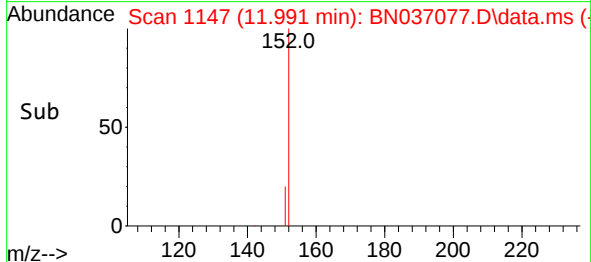
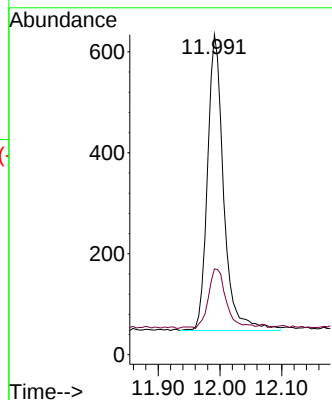
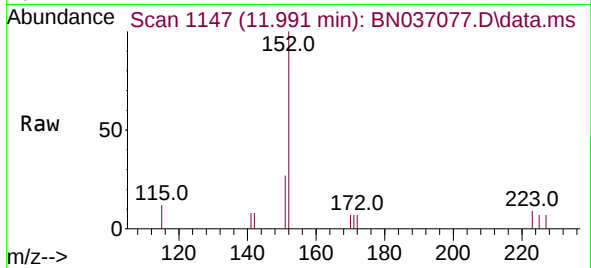




#11
2-Methylnaphthalene-d10
Concen: 0.149 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037077.D
Acq: 20 May 2025 16:59

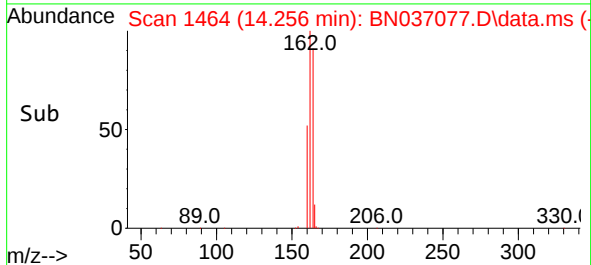
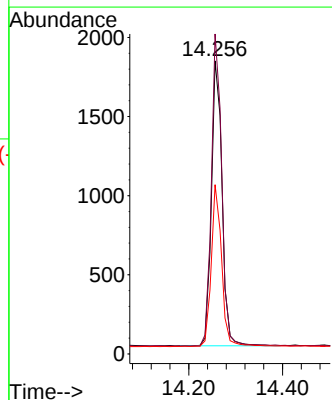
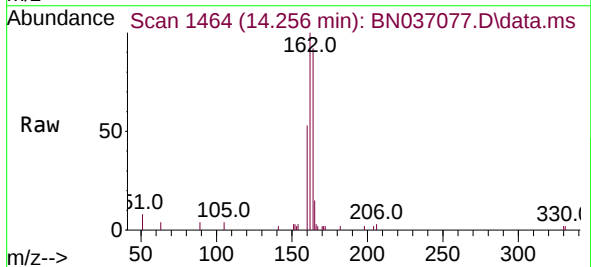
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250515

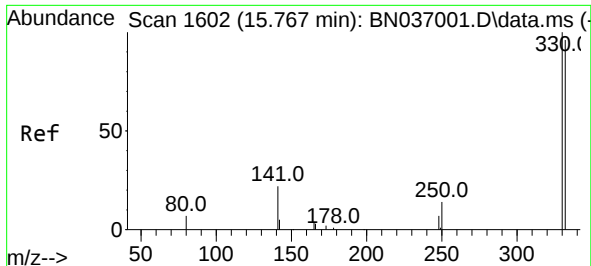
Tgt Ion:152 Resp: 1062
Ion Ratio Lower Upper
152 100
151 22.3 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037077.D
Acq: 20 May 2025 16:59

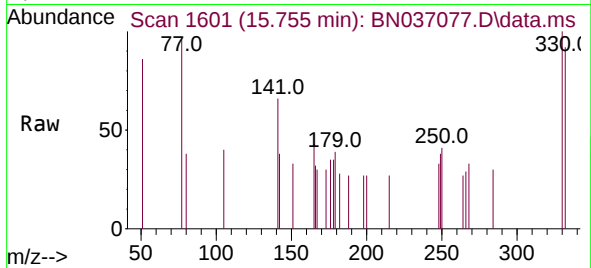
Tgt Ion:164 Resp: 2826
Ion Ratio Lower Upper
164 100
162 109.2 84.2 126.4
160 57.8 42.6 63.8



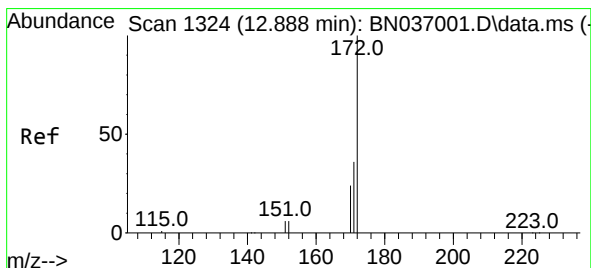
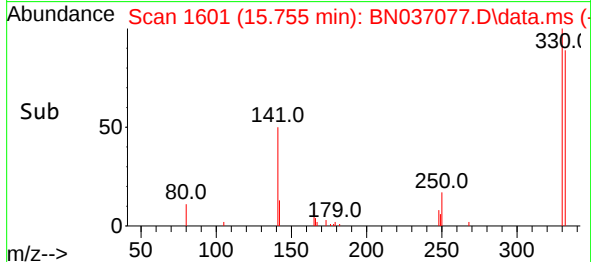
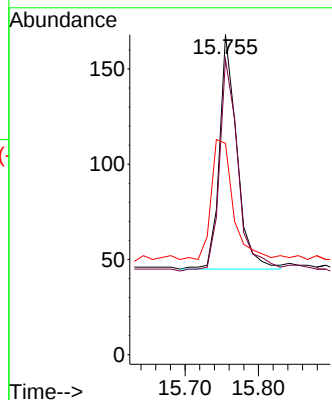


#14
2,4,6-Tribromophenol
Concen: 0.164 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037077.D
Acq: 20 May 2025 16:59

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250515

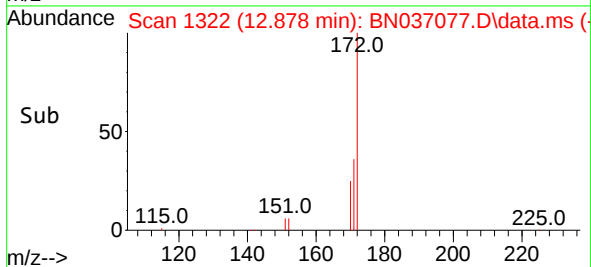
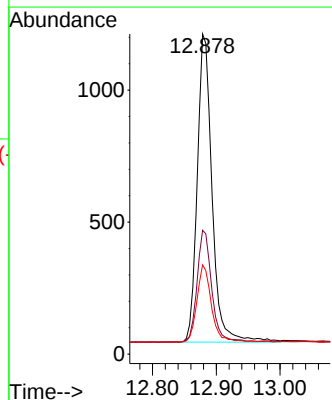
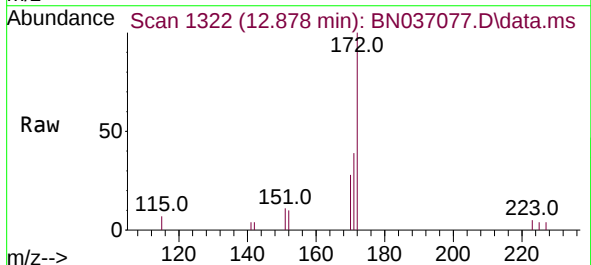


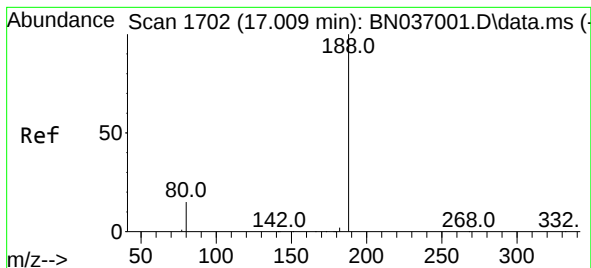
Tgt Ion:330 Resp: 204
Ion Ratio Lower Upper
330 100
332 100.5 73.8 110.8
141 68.1 43.9 65.9#



#15
2-Fluorobiphenyl
Concen: 0.146 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037077.D
Acq: 20 May 2025 16:59

Tgt Ion:172 Resp: 1890
Ion Ratio Lower Upper
172 100
171 38.7 29.2 43.8
170 27.9 20.5 30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN037077.D

Acq: 20 May 2025 16:59

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250515

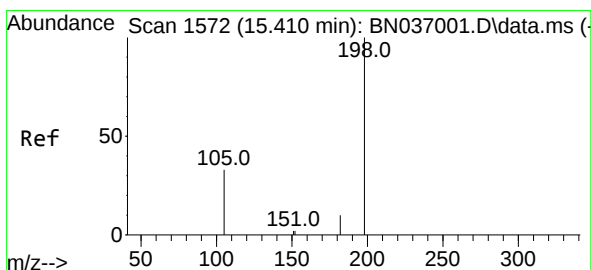
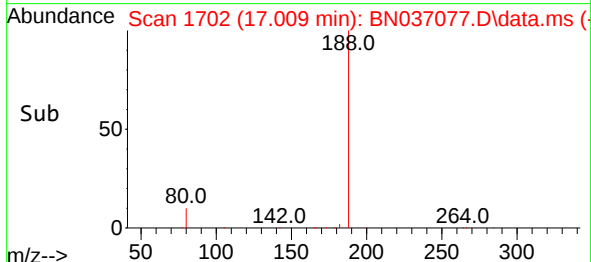
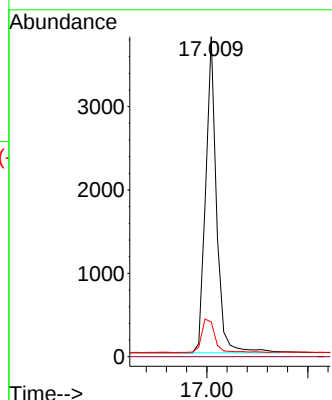
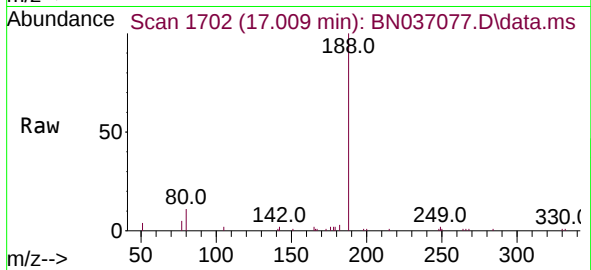
Tgt Ion:188 Resp: 5701

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 13.4 20.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.025 ng

RT: 15.400 min Scan# 1571

Delta R.T. -0.010 min

Lab File: BN037077.D

Acq: 20 May 2025 16:59

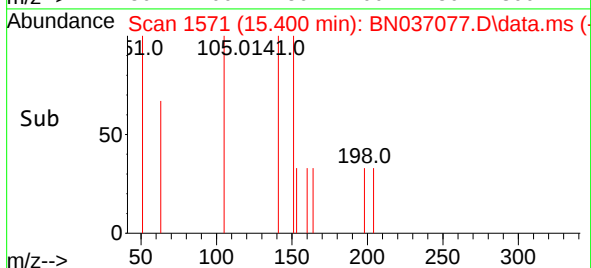
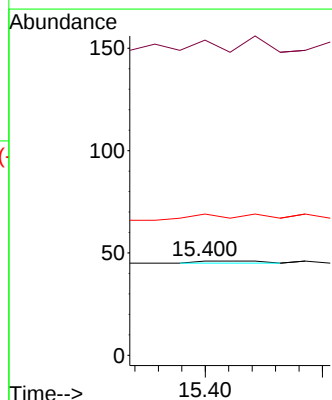
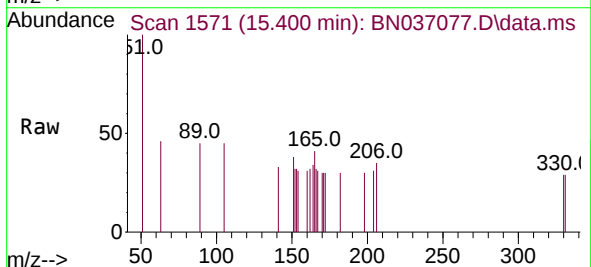
Tgt Ion:198 Resp: 2

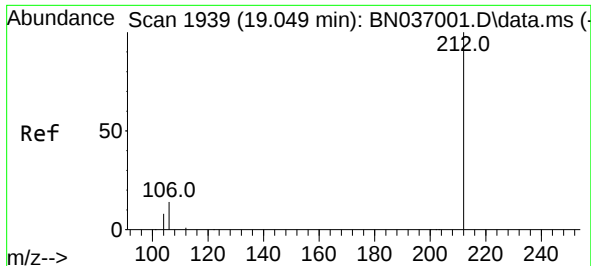
Ion Ratio Lower Upper

198 100

51 334.8 87.8 131.6#

105 150.0 44.2 66.4#

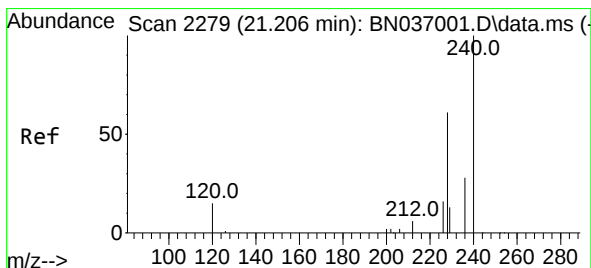
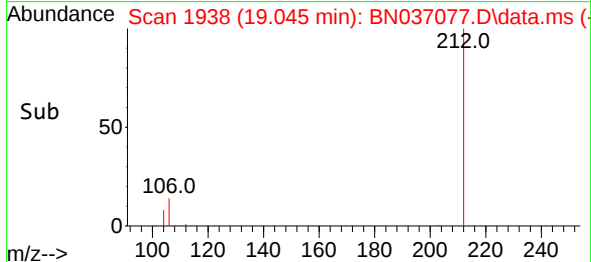
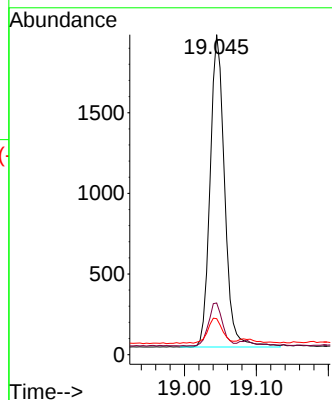
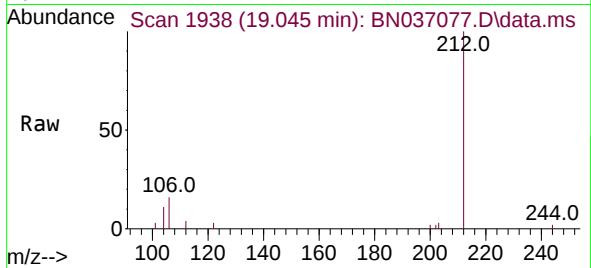




#27
Fluoranthene-d10
Concen: 0.173 ng
RT: 19.045 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BN037077.D
Acq: 20 May 2025 16:59

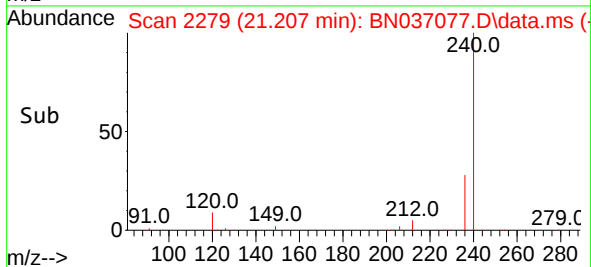
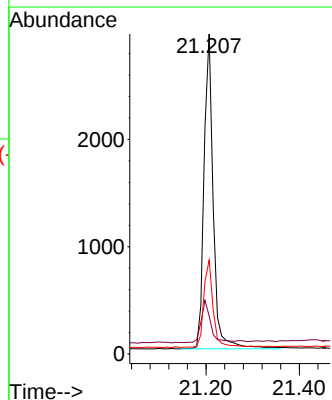
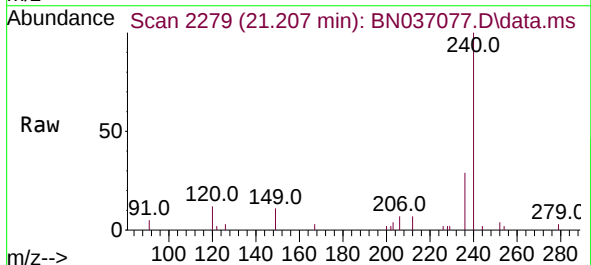
Instrument :
BNA_N
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RW5-SP100-20250515

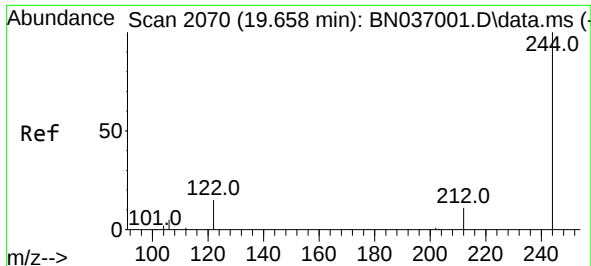
Tgt Ion:212 Resp: 2702
Ion Ratio Lower Upper
212 100
106 13.5 11.3 16.9
104 8.3 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.207 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN037077.D
Acq: 20 May 2025 16:59

Tgt Ion:240 Resp: 4060
Ion Ratio Lower Upper
240 100
120 11.8 15.1 22.7#
236 29.4 24.0 36.0

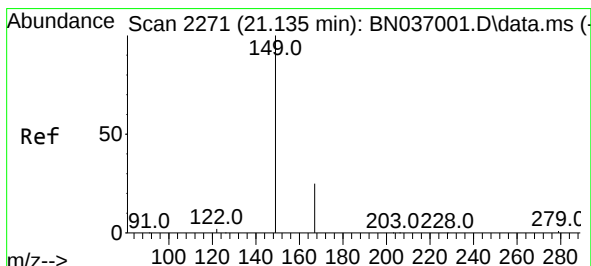
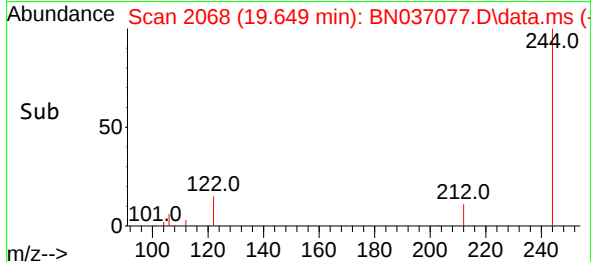
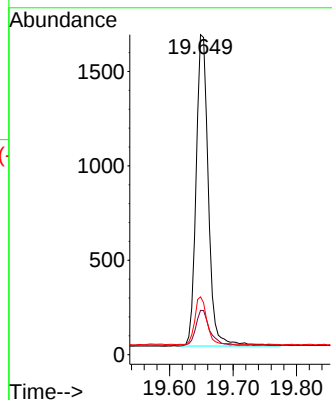
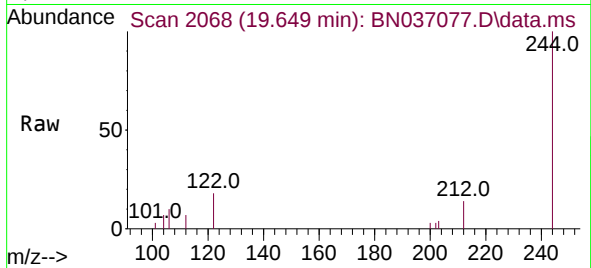




#31
 Terphenyl-d14
 Concen: 0.254 ng
 RT: 19.649 min Scan# 2070
 Delta R.T. -0.009 min
 Lab File: BN037077.D
 Acq: 20 May 2025 16:59

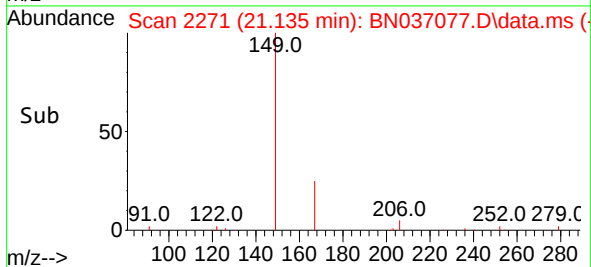
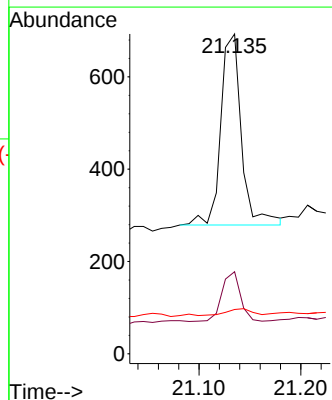
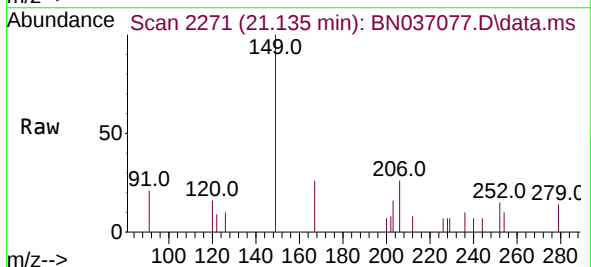
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250515

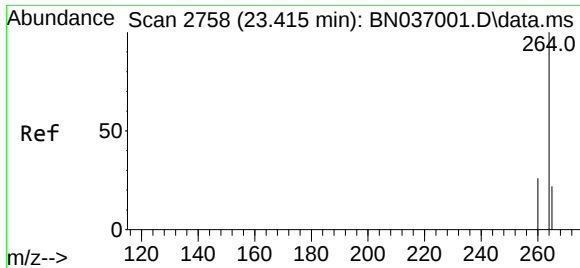
Tgt Ion:244 Resp: 2206
 Ion Ratio Lower Upper
 244 100
 212 13.9 9.7 14.5
 122 18.1 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.062 ng
 RT: 21.135 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BN037077.D
 Acq: 20 May 2025 16:59

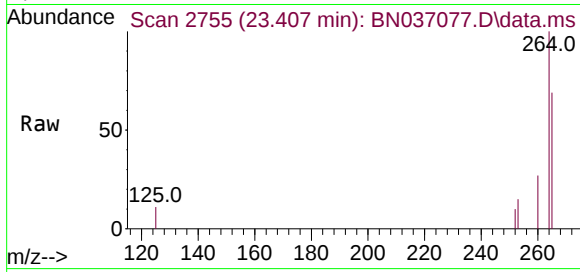
Tgt Ion:149 Resp: 584
 Ion Ratio Lower Upper
 149 100
 167 23.5 20.6 30.8
 279 4.3 2.6 3.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.407 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037077.D
 Acq: 20 May 2025 16:59

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250515



Tgt Ion:264 Resp: 3512

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.9	32.9
265	69.0	51.6	77.4

