

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
 Data File : BN037016.D
 Acq On : 14 May 2025 17:24
 Operator : RC/JU
 Sample : Q2012-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250509

Quant Time: May 14 17:50:46 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)

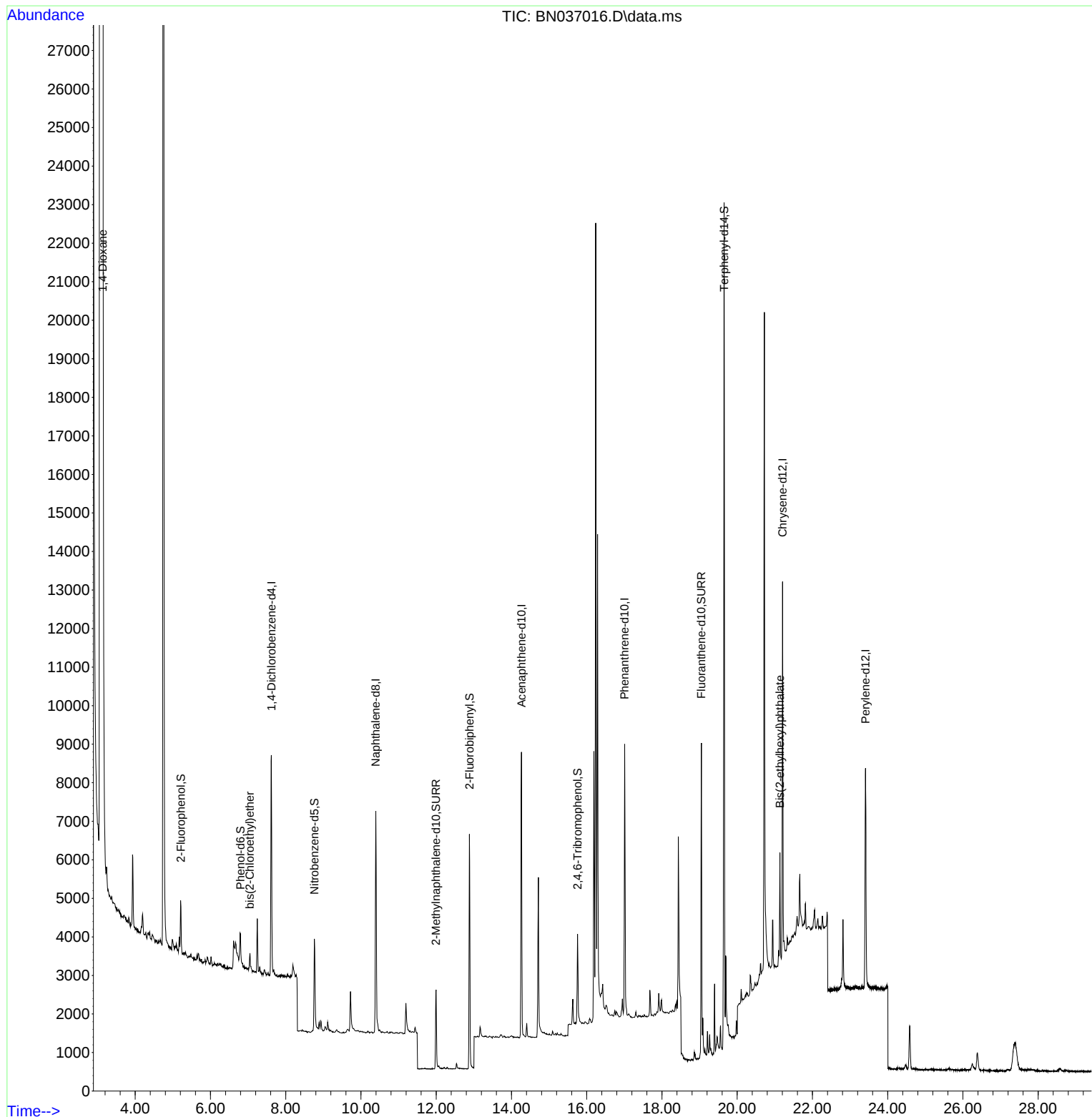
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.618	152	2690	0.40	ng	0.00
7) Naphthalene-d8	10.393	136	7455	0.40	ng	#-0.01
13) Acenaphthene-d10	14.266	164	4248	0.40	ng	0.00
19) Phenanthrene-d10	17.008	188	8916	0.40	ng	0.00
29) Chrysene-d12	21.206	240	8141	0.40	ng	# 0.00
35) Perylene-d12	23.409	264	7661	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	939	0.13	ng	0.00
5) Phenol-d6	6.795	99	666	0.08	ng	0.00
8) Nitrobenzene-d5	8.760	82	2257	0.28	ng	-0.01
11) 2-Methylnaphthalene-d10	11.996	152	3042	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	1178	0.63	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	6020	0.31	ng	0.00
27) Fluoranthene-d10	19.049	212	9002	0.37	ng	0.00
31) Terphenyl-d14	19.653	244	18496	1.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	17827	5.40	ng	98
6) bis(2-Chloroethyl)ether	7.048	93	325	0.04	ng	98
34) Bis(2-ethylhexyl)phtha...	21.135	149	2231	0.12	ng	# 99

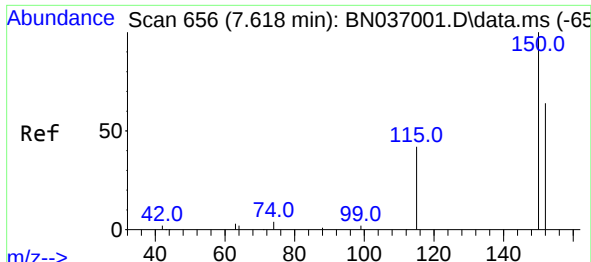
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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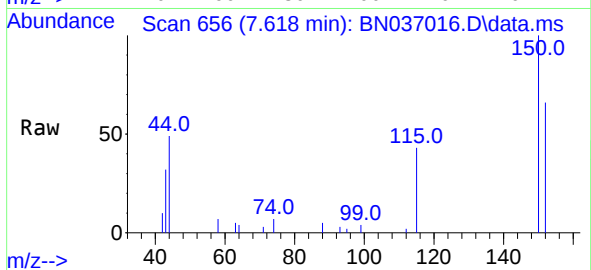
Quant Time: May 14 17:50:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
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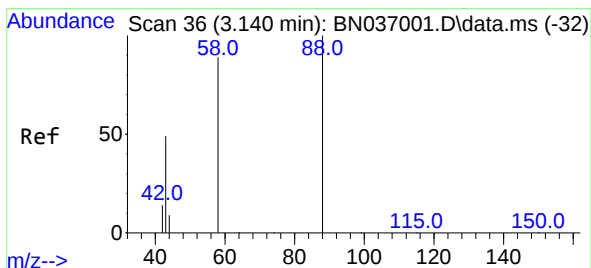
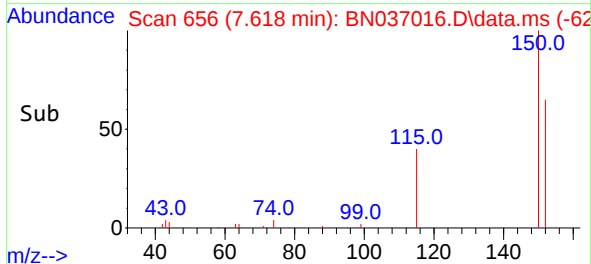
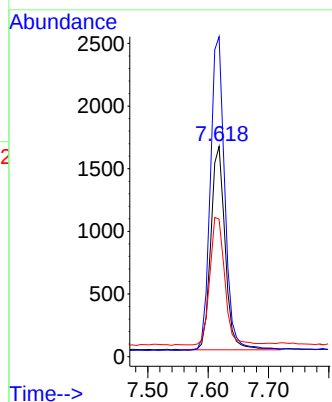
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.618 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037016.D
 Acq: 14 May 2025 17:24

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250509



Tgt Ion:152 Resp: 2690

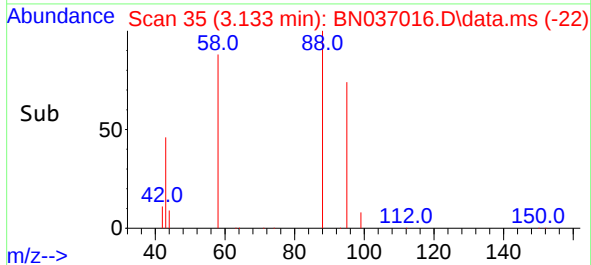
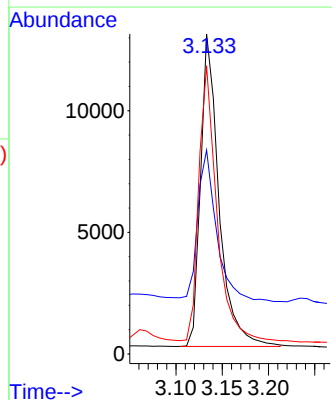
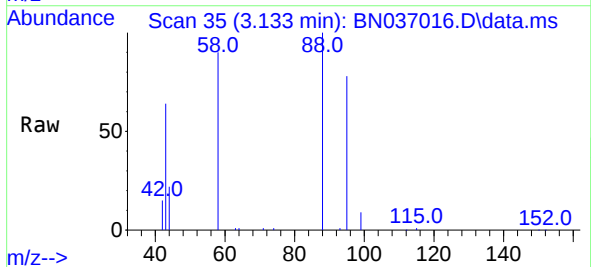
Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.9	185.9
115	65.4	55.8	83.8

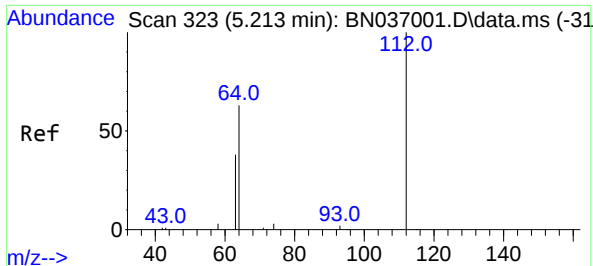


#2
 1,4-Dioxane
 Concen: 5.40 ng
 RT: 3.133 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN037016.D
 Acq: 14 May 2025 17:24

Tgt Ion: 88 Resp: 17827

Ion	Ratio	Lower	Upper
88	100		
43	49.8	37.4	56.0
58	85.6	68.8	103.2

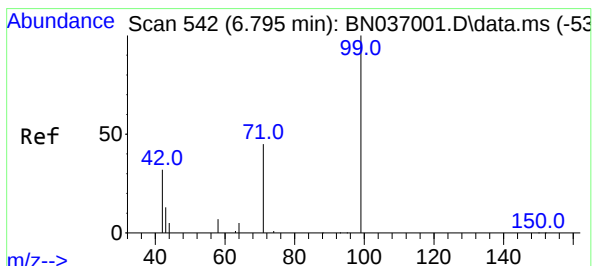
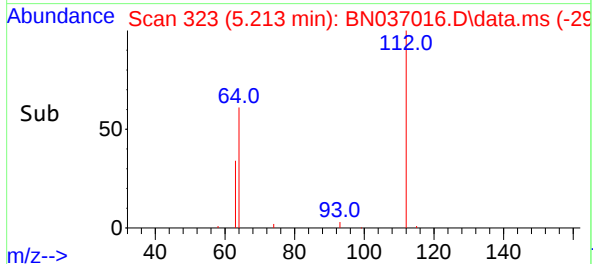
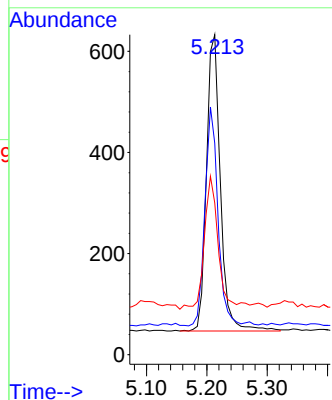
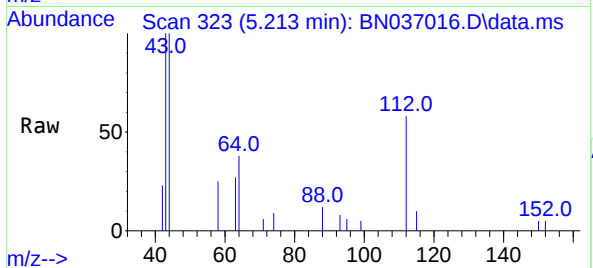




#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.213 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037016.D
Acq: 14 May 2025 17:24

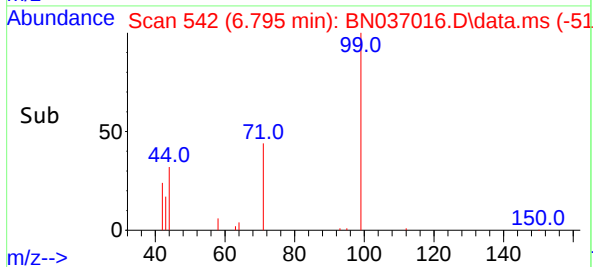
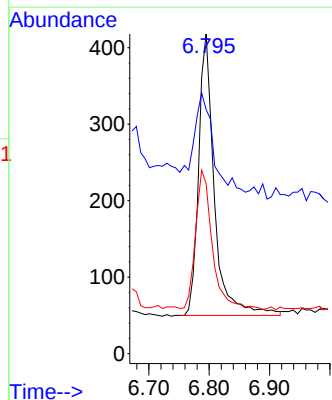
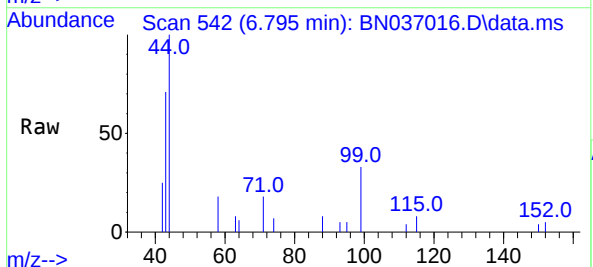
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250509

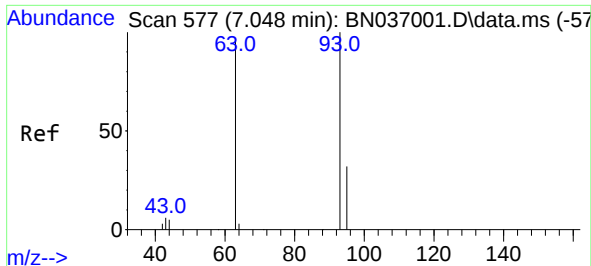
Tgt Ion:112 Resp: 939
Ion Ratio Lower Upper
112 100
64 69.0 55.7 83.5
63 43.8 34.6 51.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.795 min Scan# 542
Delta R.T. -0.000 min
Lab File: BN037016.D
Acq: 14 May 2025 17:24

Tgt Ion: 99 Resp: 666
Ion Ratio Lower Upper
99 100
42 44.0 29.3 43.9#
71 52.7 35.7 53.5

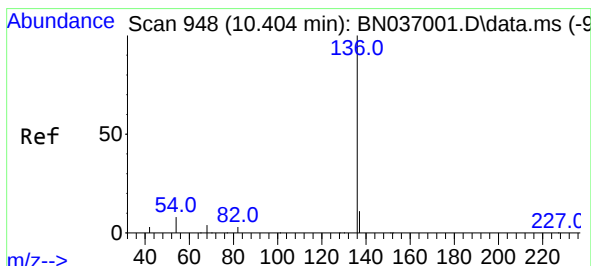
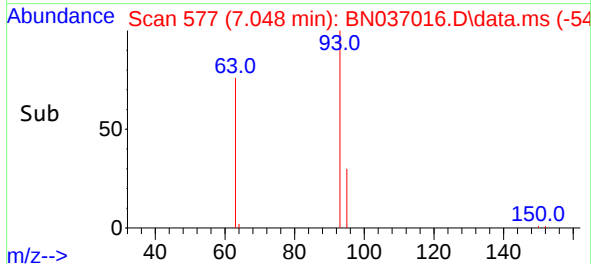
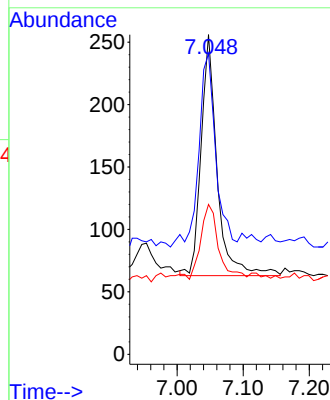
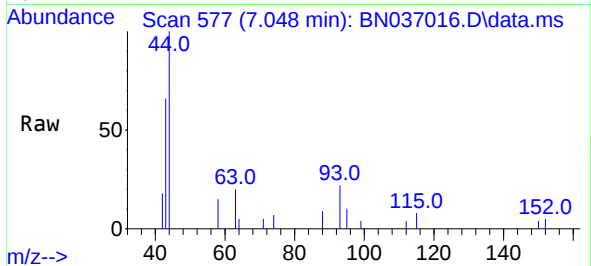




#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 7.048 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037016.D
Acq: 14 May 2025 17:24

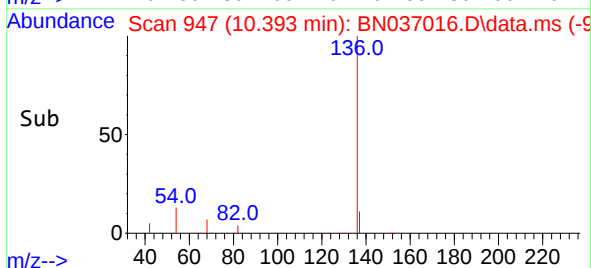
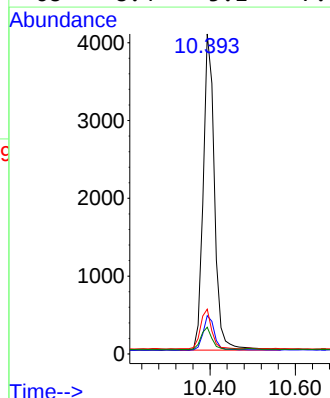
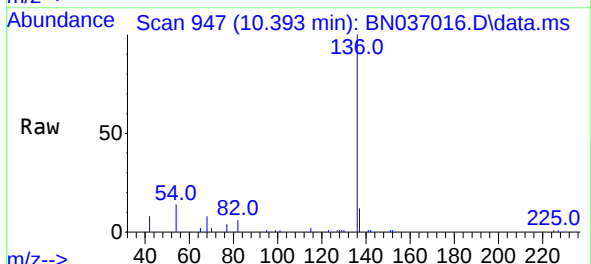
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250509

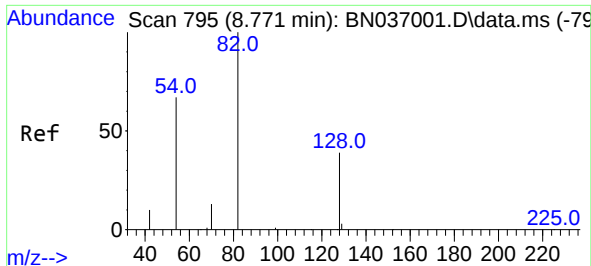
Tgt Ion:	93	Resp:	325
Ion	Ratio	Lower	Upper
93	100		
63	85.2	70.1	105.1
95	31.7	26.2	39.2



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.393 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037016.D
Acq: 14 May 2025 17:24

Tgt Ion:	136	Resp:	7455
Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.4	15.6
54	14.0	8.5	12.7#
68	8.4	5.1	7.7#

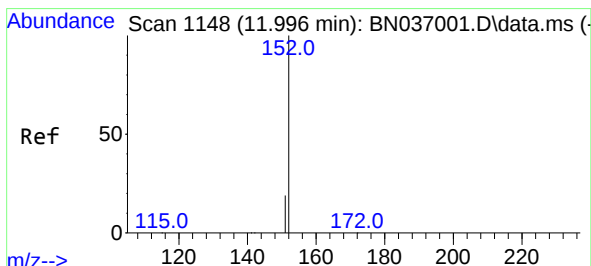
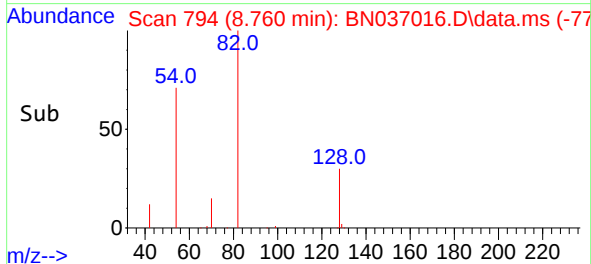
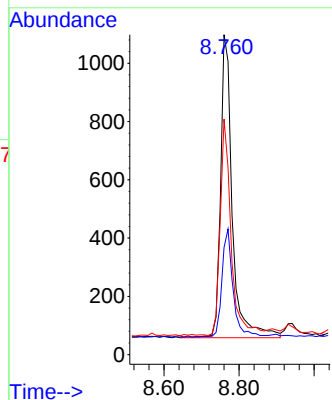
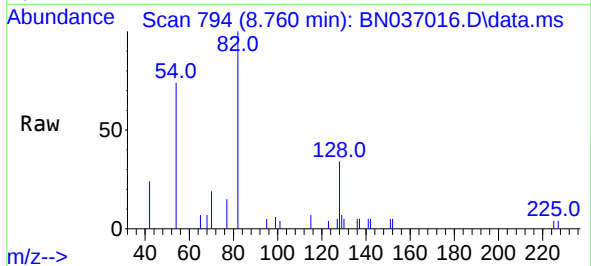




#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.760 min Scan# 795
Delta R.T. -0.011 min
Lab File: BN037016.D
Acq: 14 May 2025 17:24

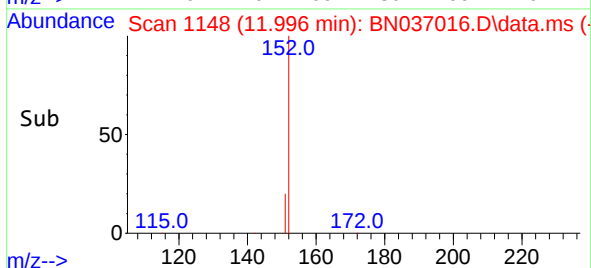
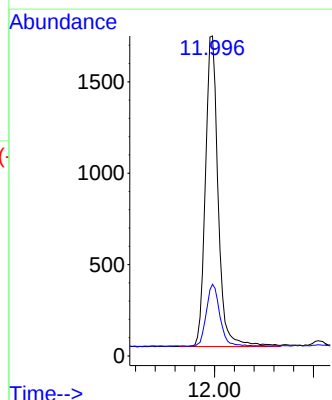
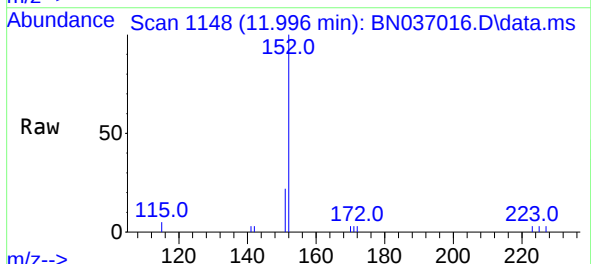
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250509

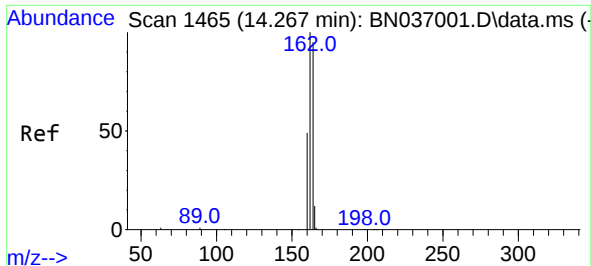
Tgt Ion: 82 Resp: 2257
Ion Ratio Lower Upper
82 100
128 33.5 34.0 51.0#
54 73.6 55.0 82.4



#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 11.996 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BN037016.D
Acq: 14 May 2025 17:24

Tgt Ion: 152 Resp: 3042
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3

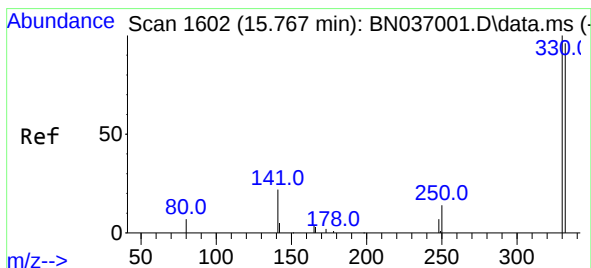
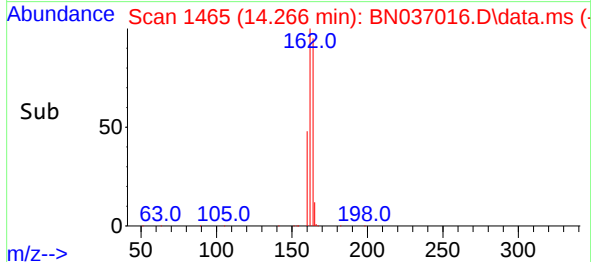
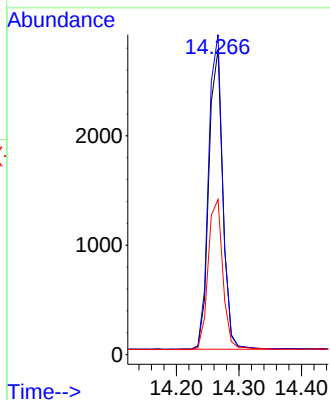
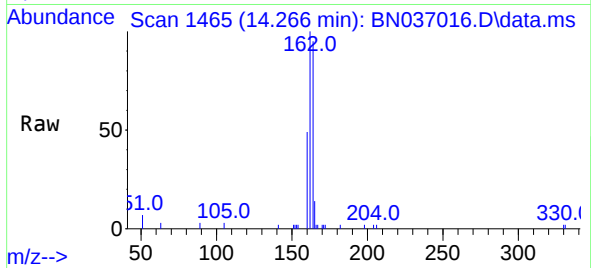




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.266 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037016.D
Acq: 14 May 2025 17:24

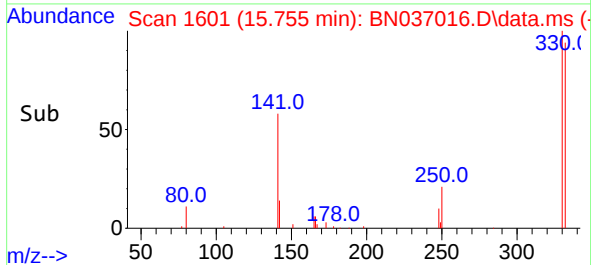
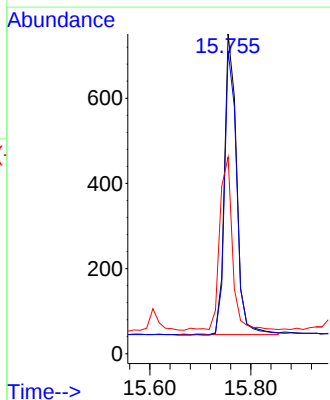
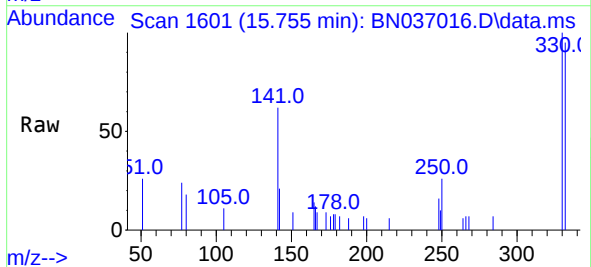
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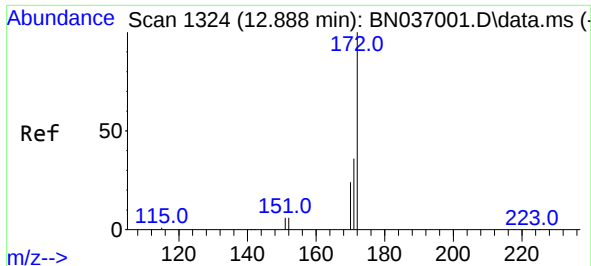
Tgt Ion:164 Resp: 4248
Ion Ratio Lower Upper
164 100
162 104.8 84.2 126.4
160 50.8 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.63 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037016.D
Acq: 14 May 2025 17:24

Tgt Ion:330 Resp: 1178
Ion Ratio Lower Upper
330 100
332 96.1 73.8 110.8
141 60.8 43.9 65.9

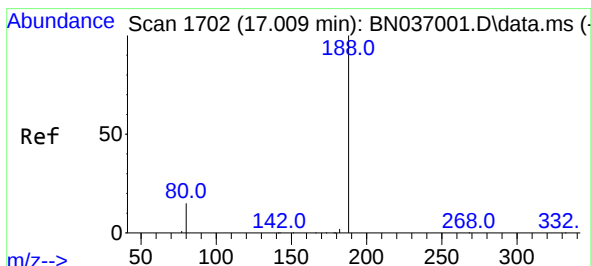
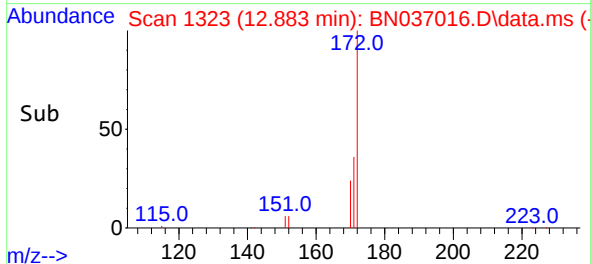
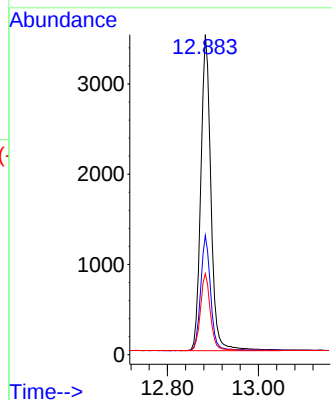
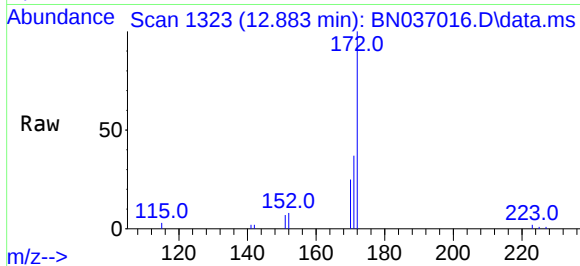




#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.883 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037016.D
Acq: 14 May 2025 17:24

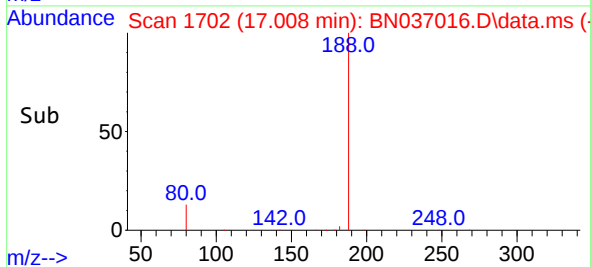
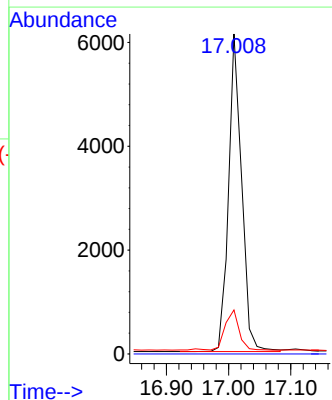
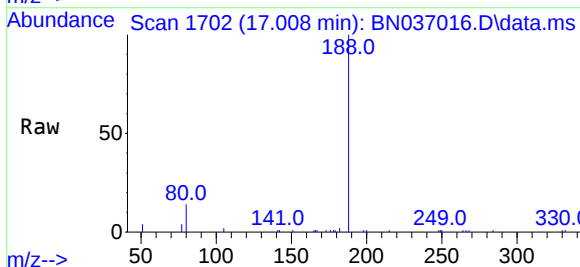
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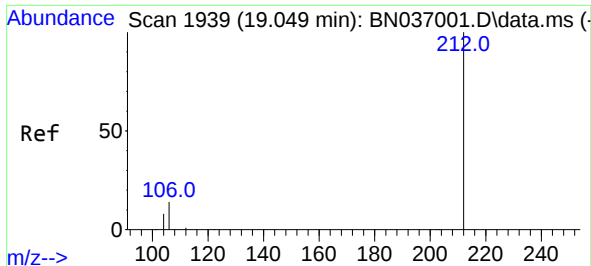
Tgt Ion:172 Resp: 6020
Ion Ratio Lower Upper
172 100
171 37.3 29.2 43.8
170 25.4 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.008 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BN037016.D
Acq: 14 May 2025 17:24

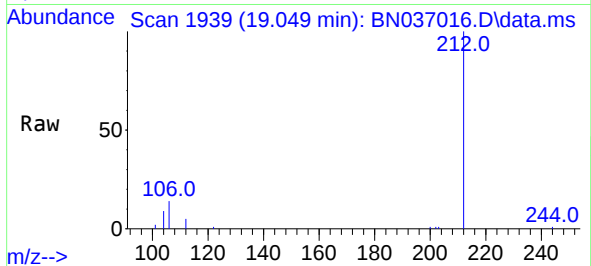
Tgt Ion:188 Resp: 8916
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 13.4 20.0



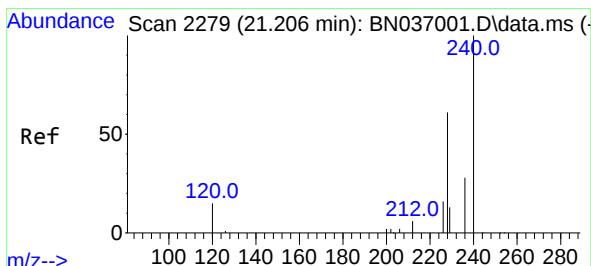
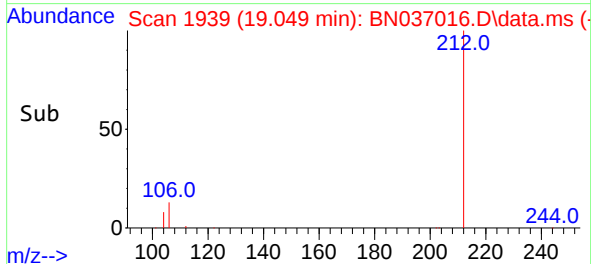
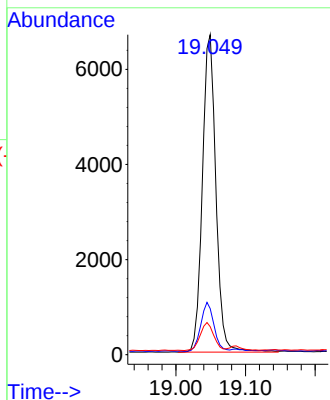


#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.049 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BN037016.D
Acq: 14 May 2025 17:24

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250509

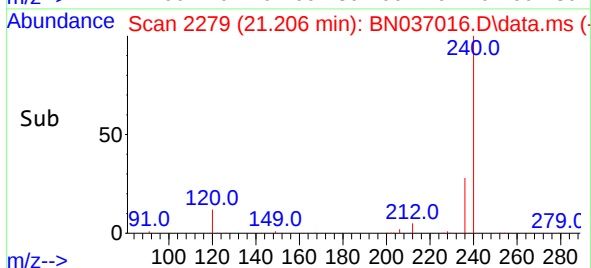
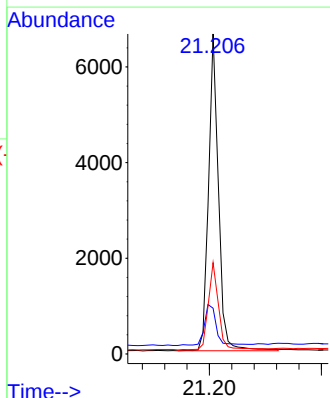
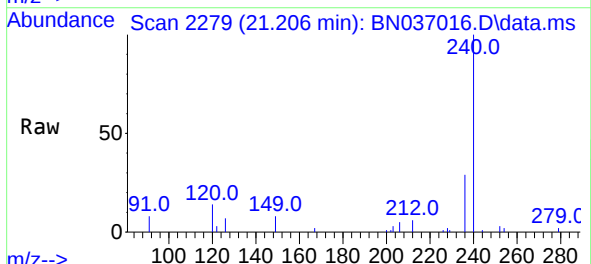


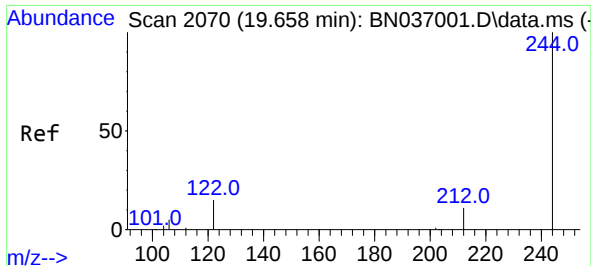
Tgt Ion:212 Resp: 9002
Ion Ratio Lower Upper
212 100
106 14.9 11.3 16.9
104 8.7 6.7 10.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.206 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BN037016.D
Acq: 14 May 2025 17:24

Tgt Ion:240 Resp: 8141
Ion Ratio Lower Upper
240 100
120 14.3 15.1 22.7#
236 28.6 24.0 36.0

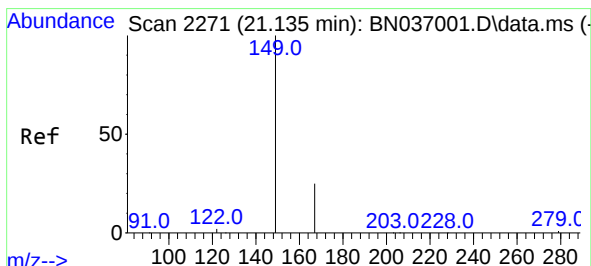
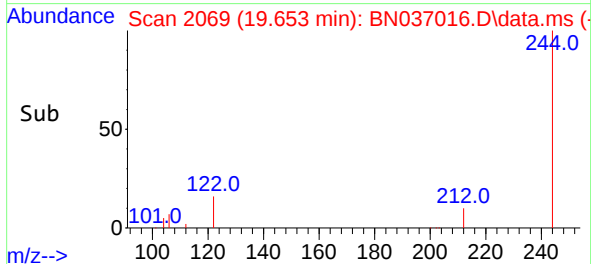
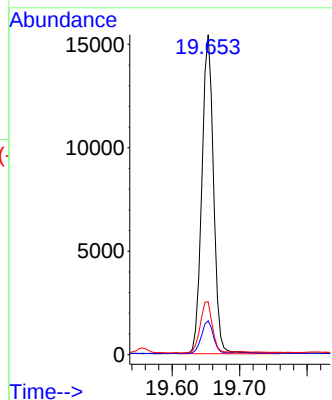
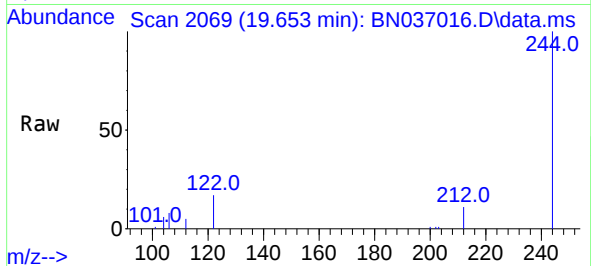




#31
Terphenyl-d14
Concen: 1.06 ng
RT: 19.653 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN037016.D
Acq: 14 May 2025 17:24

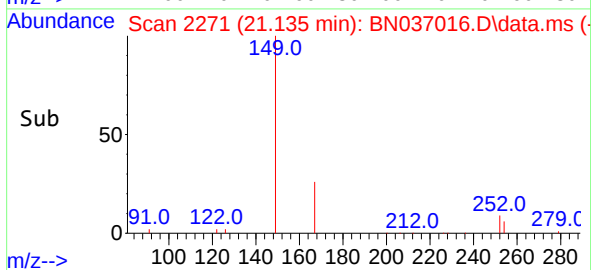
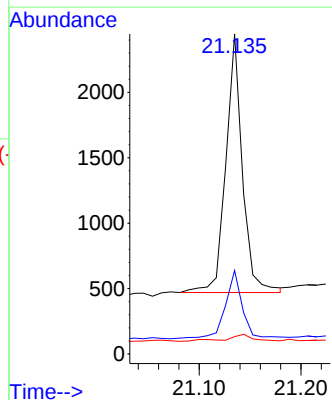
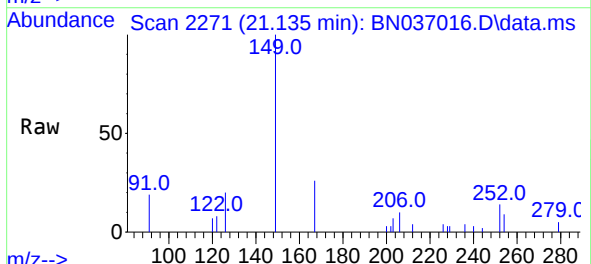
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250509

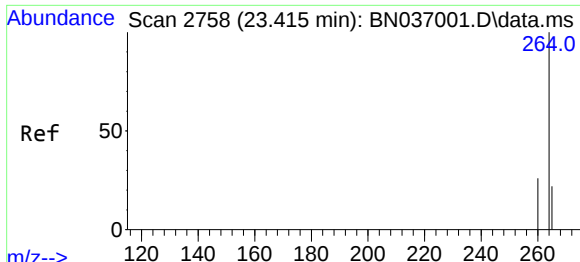
Tgt Ion:244 Resp: 18496
Ion Ratio Lower Upper
244 100
212 10.6 9.7 14.5
122 16.5 13.4 20.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.135 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BN037016.D
Acq: 14 May 2025 17:24

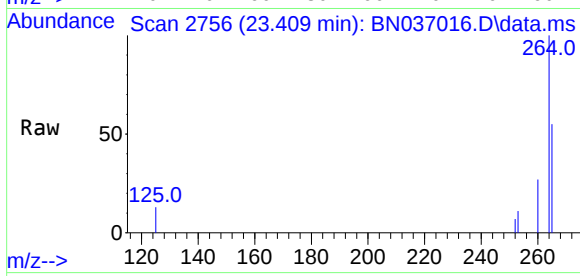
Tgt Ion:149 Resp: 2231
Ion Ratio Lower Upper
149 100
167 26.3 20.6 30.8
279 4.3 2.6 3.8#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.409 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN037016.D
 Acq: 14 May 2025 17:24

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250509



Tgt Ion:264 Resp: 7661

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.9	32.9
265	55.2	51.6	77.4

