

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029161.D
 Acq On : 21 Dec 2023 21:30
 Operator : MA/JU
 Sample : 05719-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW10A-MW01S-GW-20231205

Quant Time: Dec 21 23:28:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

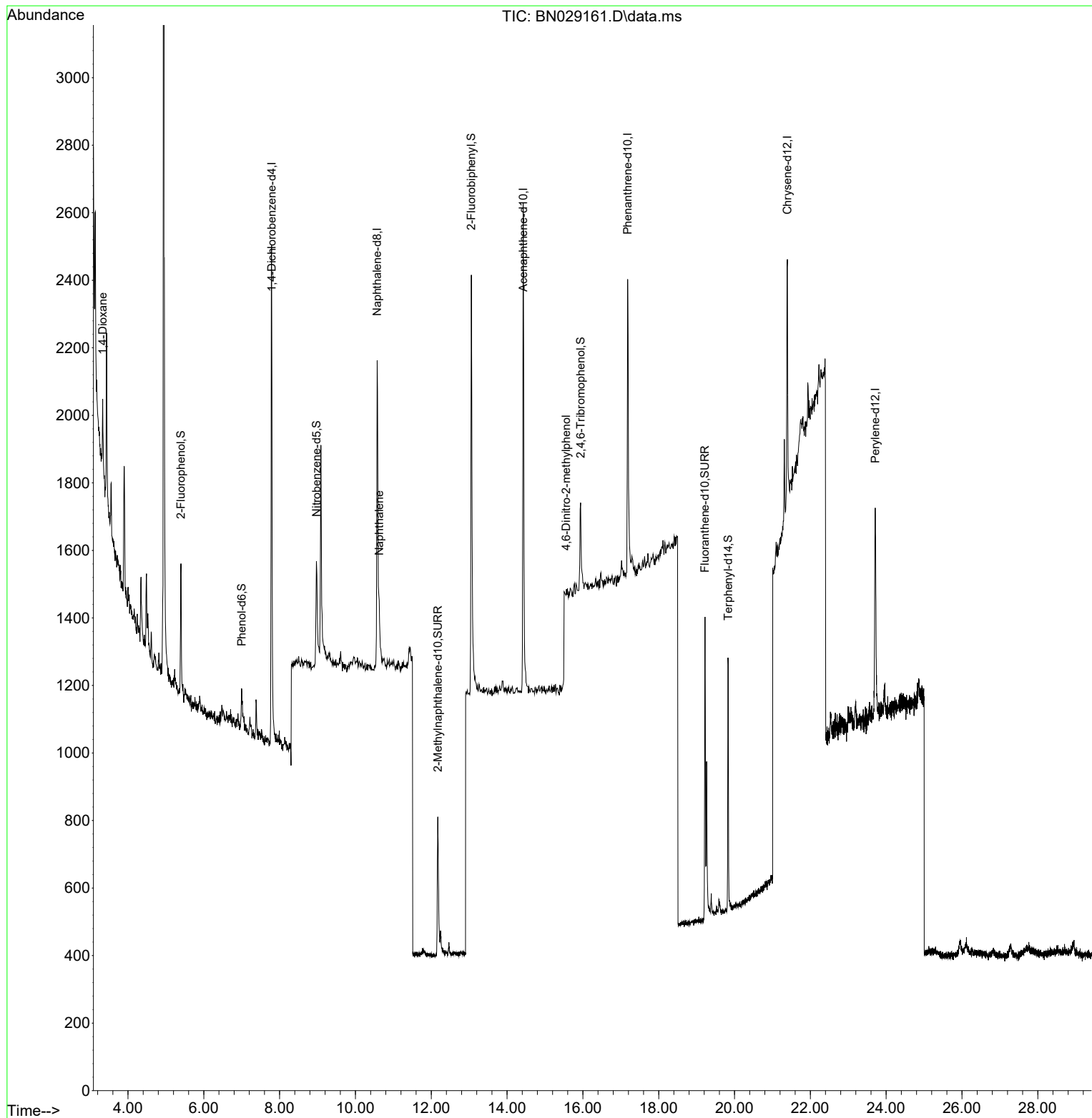
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	865	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	1687	0.400	ng	-0.01
13) Acenaphthene-d10	14.425	164	957	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1608	0.400	ng	0.00
29) Chrysene-d12	21.393	240	742	0.400	ng	0.00
35) Perylene-d12	23.712	264	957	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	320	0.155	ng	0.00
5) Phenol-d6	7.002	99	149	0.065	ng	0.00
8) Nitrobenzene-d5	8.971	82	535	0.243	ng	0.01
11) 2-Methylnaphthalene-d10	12.174	152	763	0.299	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	223	0.267	ng	0.01
15) 2-Fluorobiphenyl	13.057	172	1414	0.253	ng	0.00
27) Fluoranthene-d10	19.220	212	1143	0.294	ng	0.00
31) Terphenyl-d14	19.833	244	697	0.342	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.333	88	181	0.222	ng	# 75
9) Naphthalene	10.626	128	190	0.035	ng	# 37
20) 4,6-Dinitro-2-methylph...	15.555	198	4	0.068	ng	# 41
34) Bis(2-ethylhexyl)phtha...	21.313	149	324	Below Cal		97

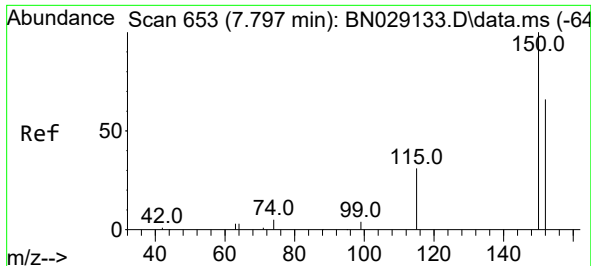
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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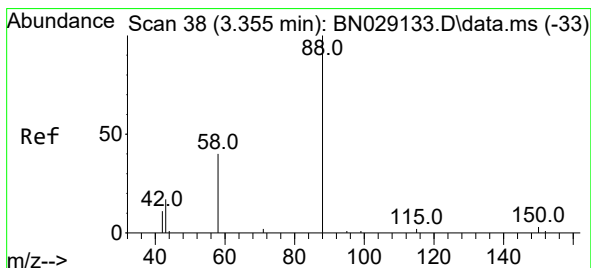
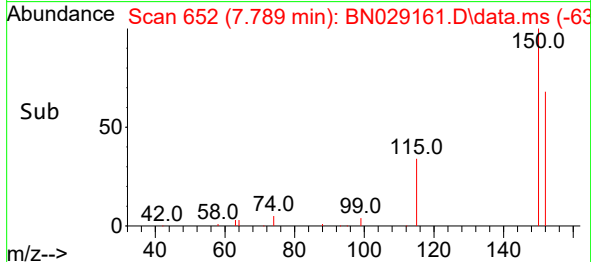
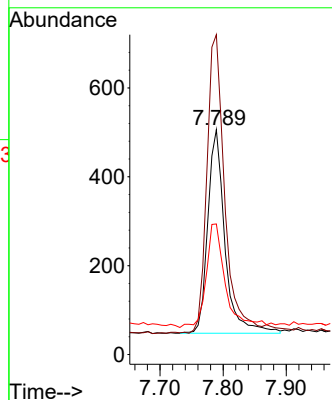
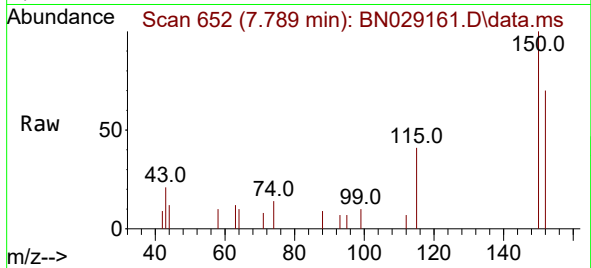




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

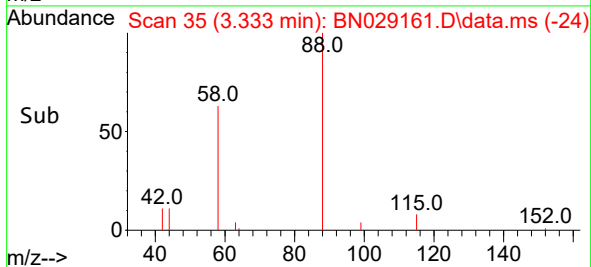
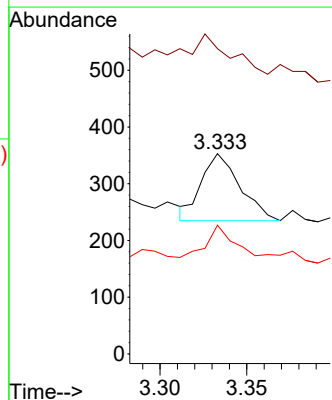
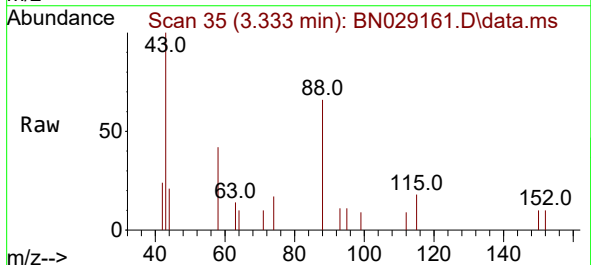
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01S-GW-20231205

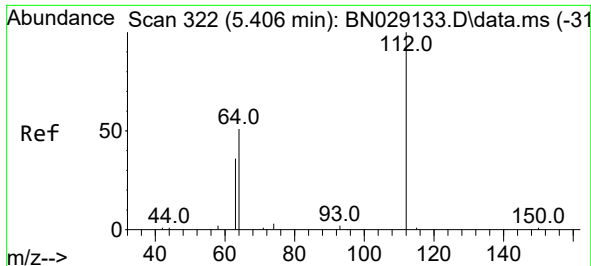
Tgt Ion:152 Resp: 865
Ion Ratio Lower Upper
152 100
150 142.3 117.6 176.4
115 58.1 44.2 66.2



#2
1,4-Dioxane
Concen: 0.222 ng
RT: 3.333 min Scan# 35
Delta R.T. -0.022 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

Tgt Ion: 88 Resp: 181
Ion Ratio Lower Upper
88 100
43 45.9 20.1 30.1#
58 34.3 35.4 53.2#

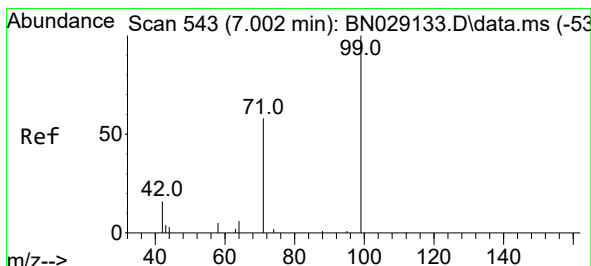
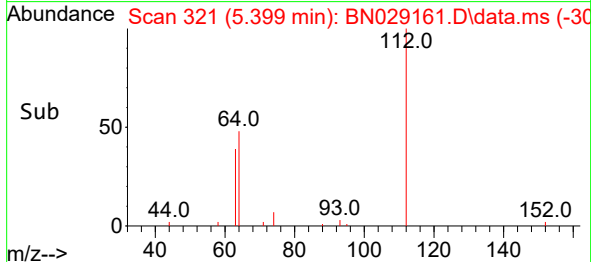
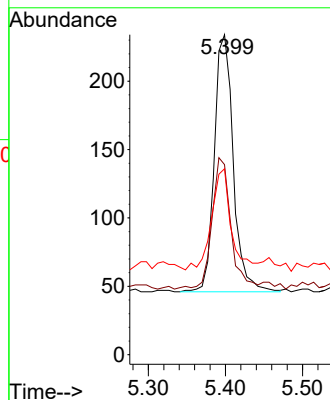
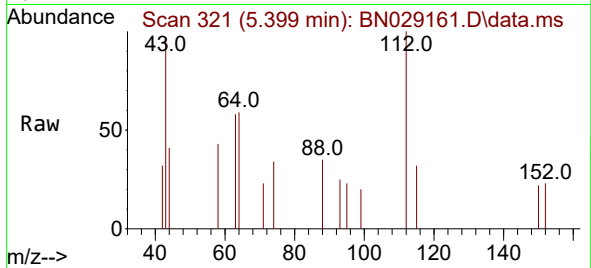




#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

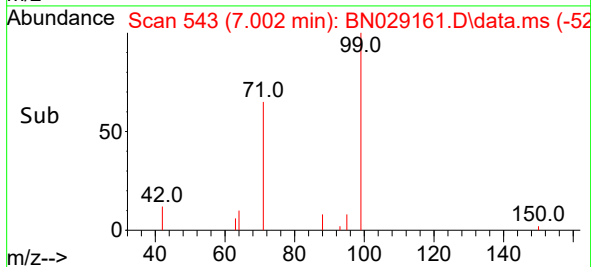
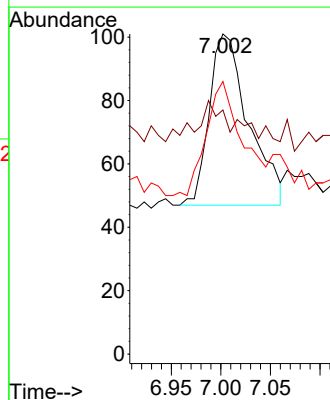
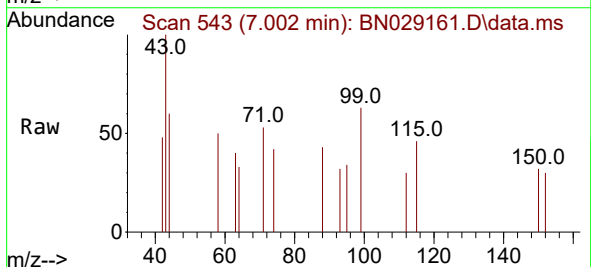
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01S-GW-20231205

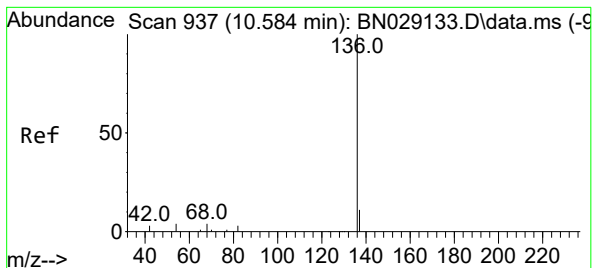
Tgt Ion:112 Resp: 320
Ion Ratio Lower Upper
112 100
64 50.9 38.6 58.0
63 40.0 30.0 45.0



#5
Phenol-d6
Concen: 0.065 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

Tgt Ion: 99 Resp: 149
Ion Ratio Lower Upper
99 100
42 25.5 13.8 20.6#
71 61.1 45.4 68.2





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.573 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN029161.D

Acq: 21 Dec 2023 21:30

Instrument :

BNA_N

ClientSampleId :

BP-TT-RW10A-MW01S-GW-20231205

Tgt Ion:136 Resp: 1687

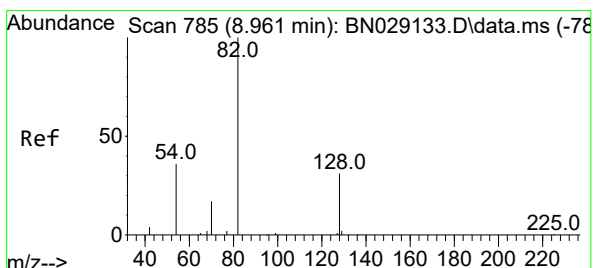
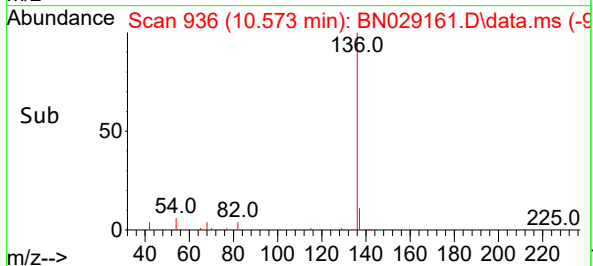
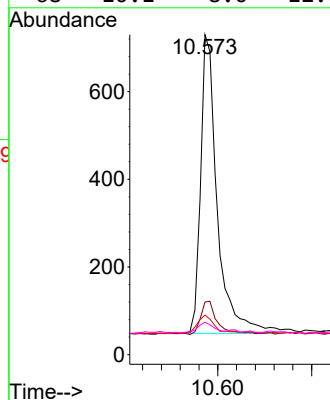
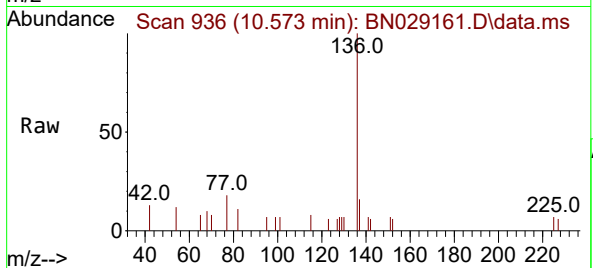
Ion Ratio Lower Upper

136 100

137 16.4 13.4 20.0

54 12.3 8.6 13.0

68 10.1 8.0 12.0



#8

Nitrobenzene-d5

Concen: 0.243 ng

RT: 8.971 min Scan# 786

Delta R.T. 0.010 min

Lab File: BN029161.D

Acq: 21 Dec 2023 21:30

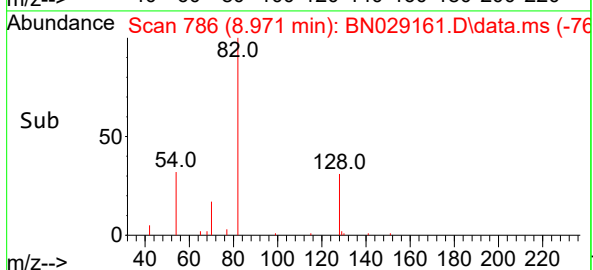
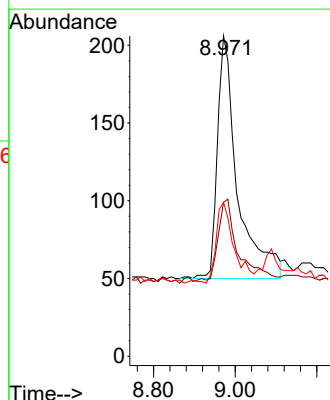
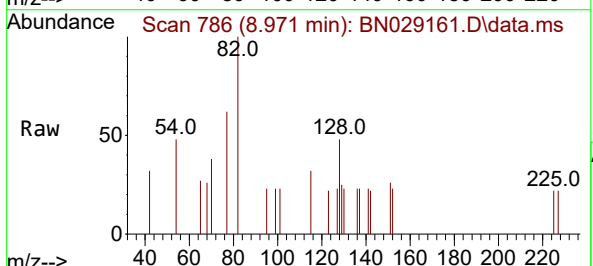
Tgt Ion: 82 Resp: 535

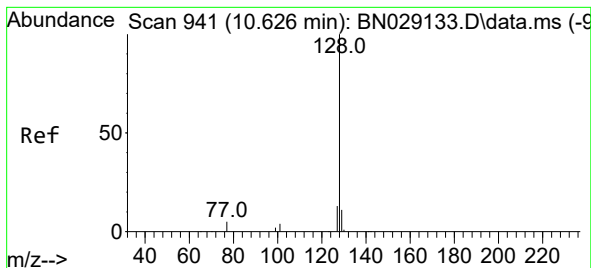
Ion Ratio Lower Upper

82 100

128 48.1 33.0 49.4

54 48.1 35.8 53.8





#9

Naphthalene

Concen: 0.035 ng

RT: 10.626 min Scan# 941

Delta R.T. -0.000 min

Lab File: BN029161.D

Acq: 21 Dec 2023 21:30

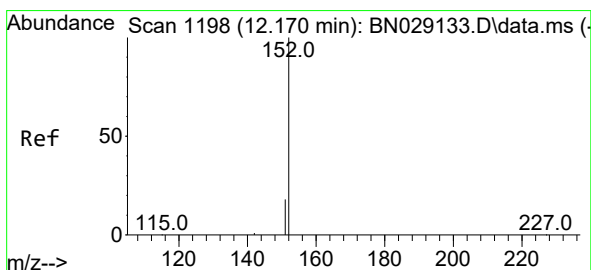
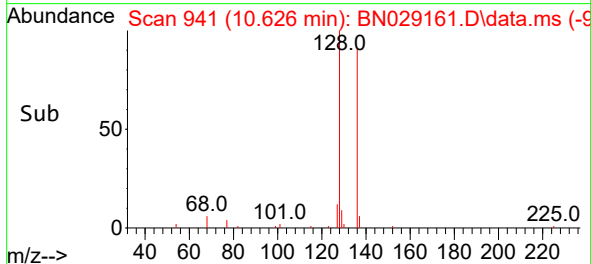
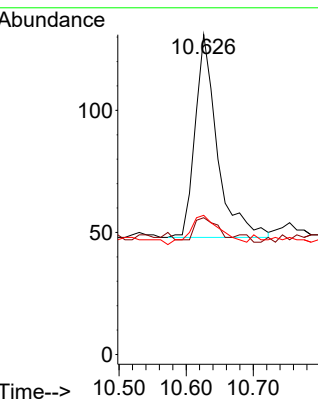
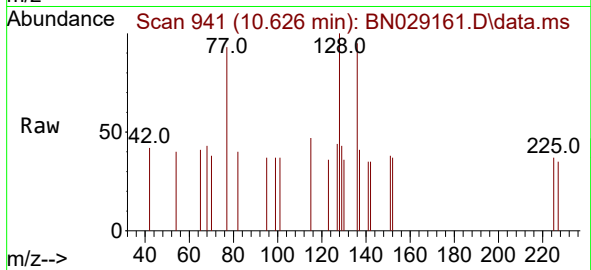
Instrument :

BNA_N

ClientSampleId :

BP-TT-RW10A-MW01S-GW-20231205

Tgt Ion:	128	Resp:	190
Ion Ratio	Lower	Upper	
128	100		
129	42.7	12.0	18.0#
127	43.5	14.1	21.1#



#11

2-Methylnaphthalene-d10

Concen: 0.299 ng

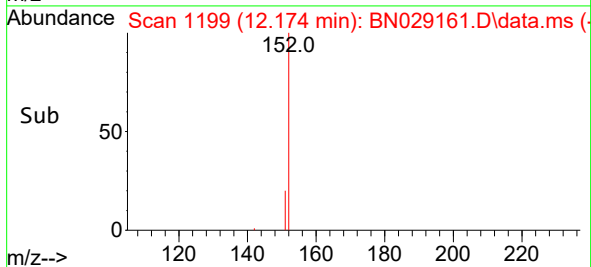
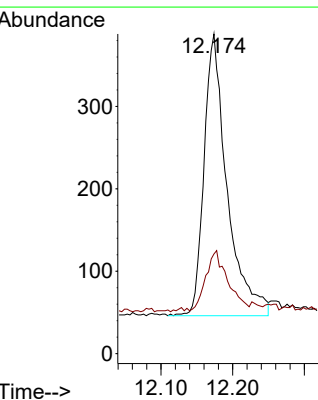
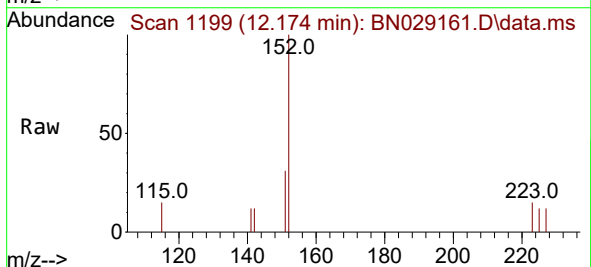
RT: 12.174 min Scan# 1199

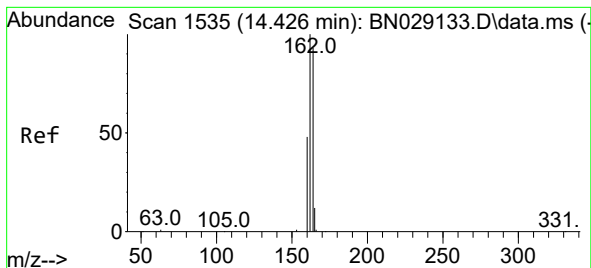
Delta R.T. 0.004 min

Lab File: BN029161.D

Acq: 21 Dec 2023 21:30

Tgt Ion:	152	Resp:	763
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.4	26.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.425 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN029161.D

Acq: 21 Dec 2023 21:30

Instrument :

BNA_N

ClientSampleId :

BP-TT-RW10A-MW01S-GW-20231205

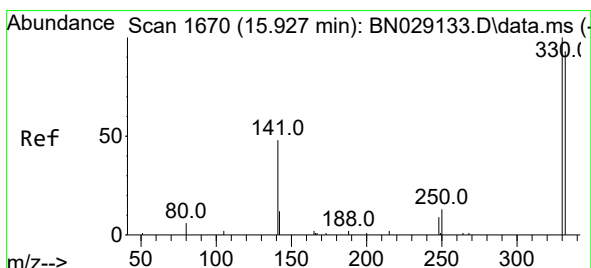
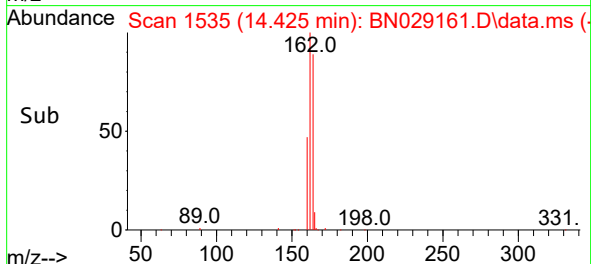
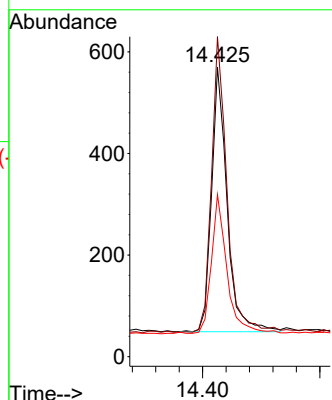
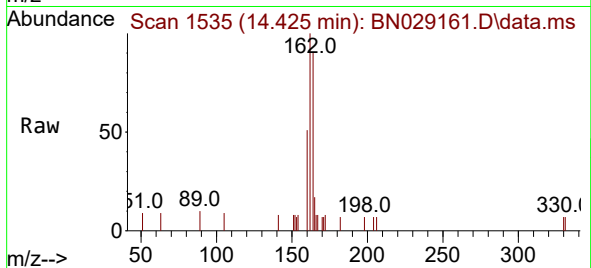
Tgt Ion:164 Resp: 957

Ion Ratio Lower Upper

164 100

162 110.5 85.0 127.4

160 56.0 45.8 68.8



#14

2,4,6-Tribromophenol

Concen: 0.267 ng

RT: 15.940 min Scan# 1671

Delta R.T. 0.012 min

Lab File: BN029161.D

Acq: 21 Dec 2023 21:30

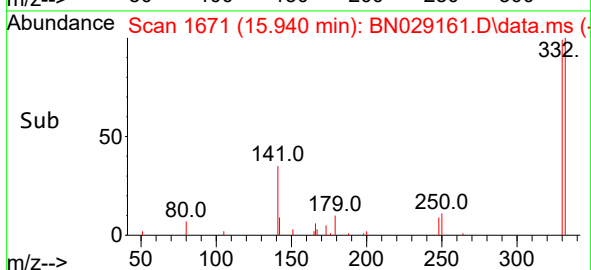
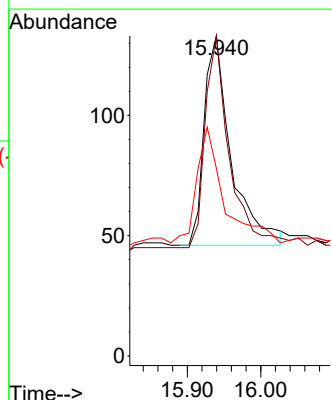
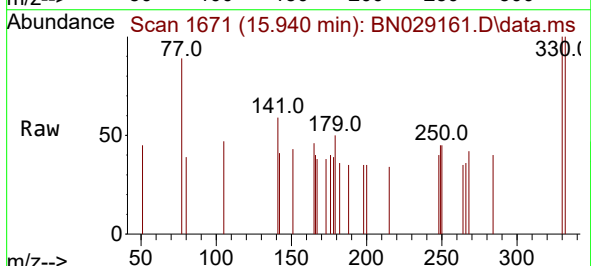
Tgt Ion:330 Resp: 223

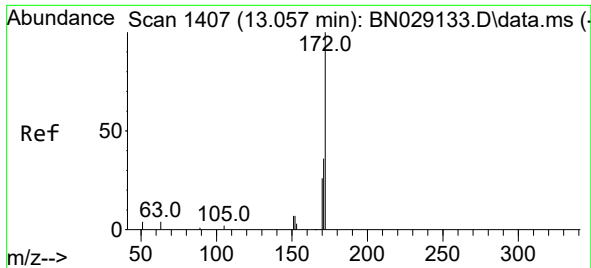
Ion Ratio Lower Upper

330 100

332 91.0 83.4 125.0

141 55.2 43.8 65.8

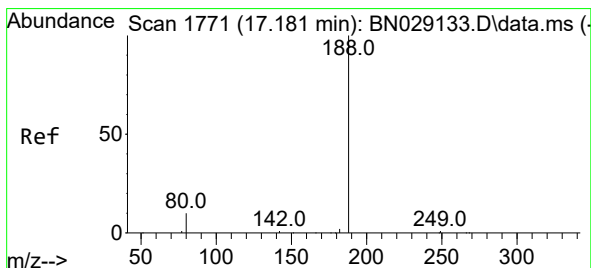
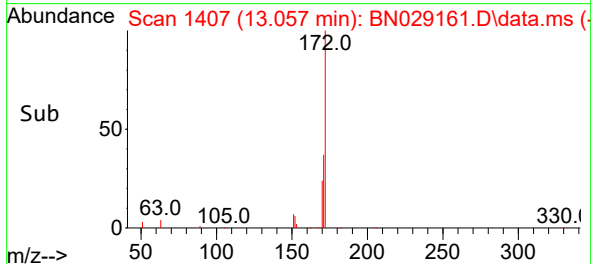
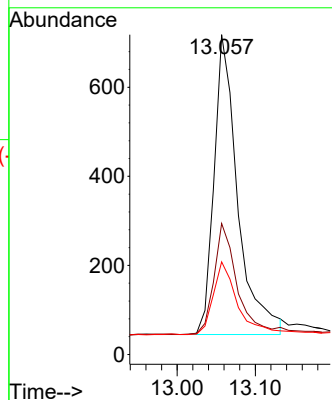
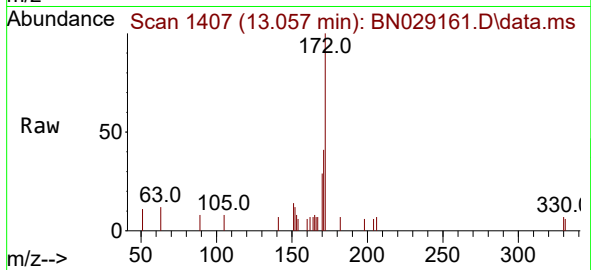




#15
2-Fluorobiphenyl
Concen: 0.253 ng
RT: 13.057 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

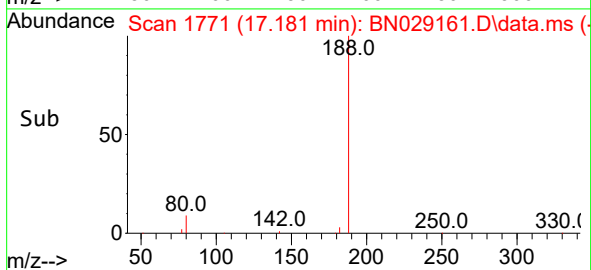
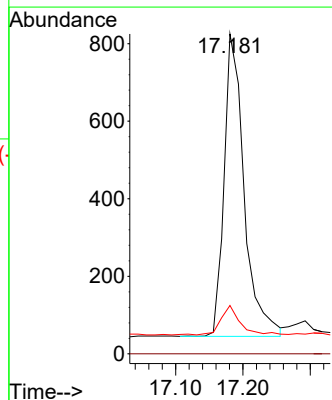
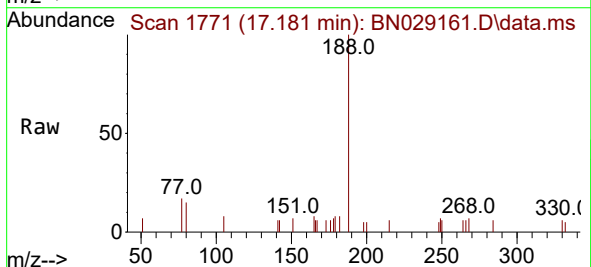
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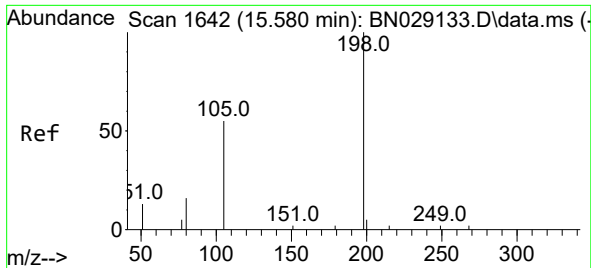
Tgt Ion:	172	Resp:	1414
Ion	Ratio	Lower	Upper
172	100		
171	40.9	32.2	48.4
170	29.0	25.0	37.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

Tgt Ion:	188	Resp:	1608
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.2	13.7	20.5

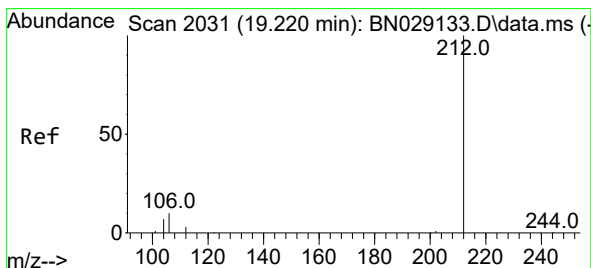
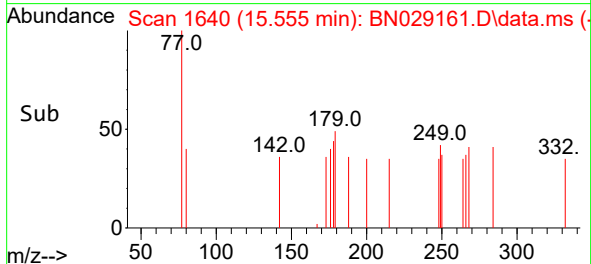
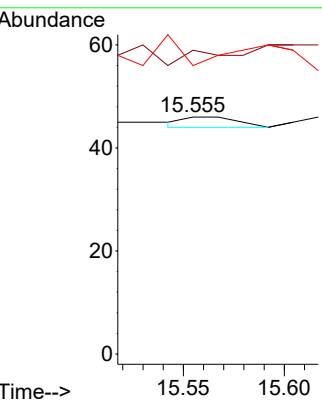
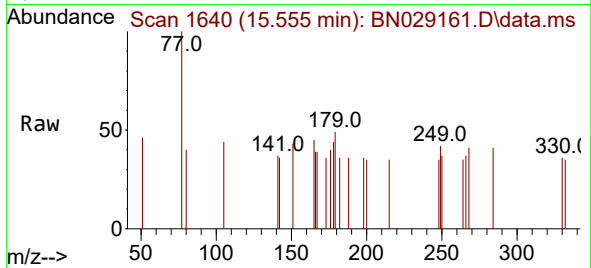




#20
4,6-Dinitro-2-methylphenol
Concen: 0.068 ng
RT: 15.555 min Scan# 1640
Delta R.T. -0.025 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

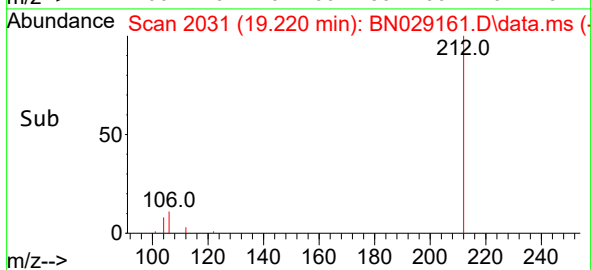
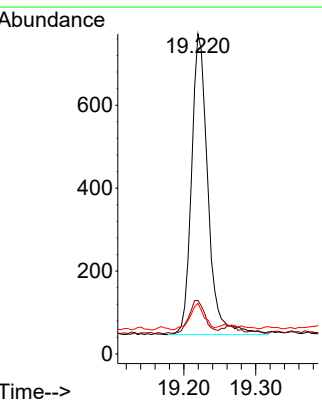
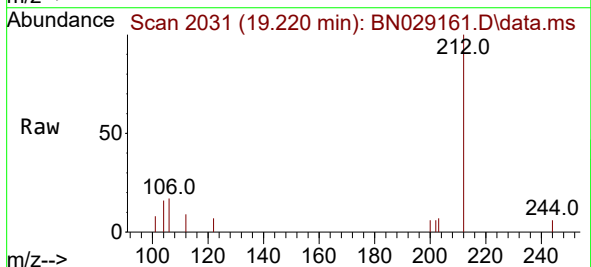
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01S-GW-20231205

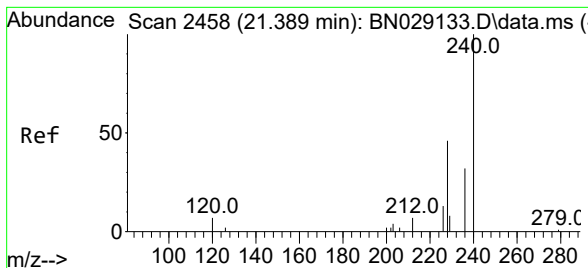
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 128.3 53.6 80.4#
105 121.7 65.6 98.4#



#27
Fluoranthene-d10
Concen: 0.294 ng
RT: 19.220 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

Tgt Ion:212 Resp: 1143
Ion Ratio Lower Upper
212 100
106 11.3 9.6 14.4
104 7.5 6.5 9.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.393 min Scan# 2459

Delta R.T. 0.004 min

Lab File: BN029161.D

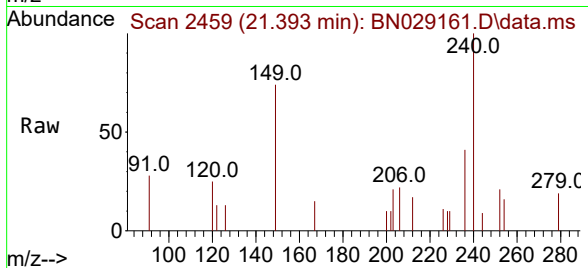
Acq: 21 Dec 2023 21:30

Instrument :

BNA_N

ClientSampleId :

BP-TT-RW10A-MW01S-GW-20231205



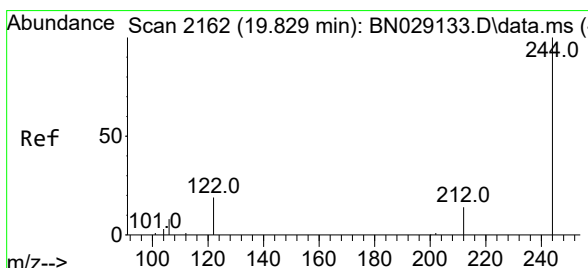
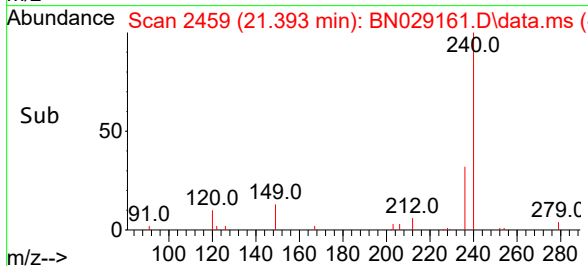
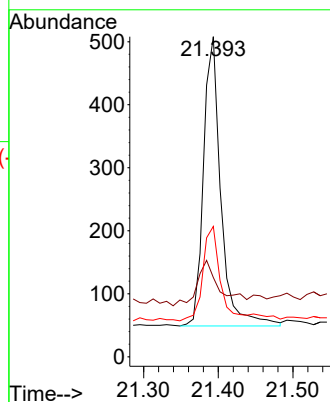
Tgt Ion:240 Resp: 742

Ion Ratio Lower Upper

240 100

120 24.8 21.4 32.0

236 40.7 33.5 50.3



#31

Terphenyl-d14

Concen: 0.342 ng

RT: 19.833 min Scan# 2163

Delta R.T. 0.004 min

Lab File: BN029161.D

Acq: 21 Dec 2023 21:30

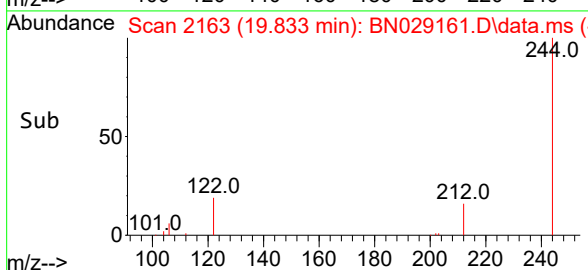
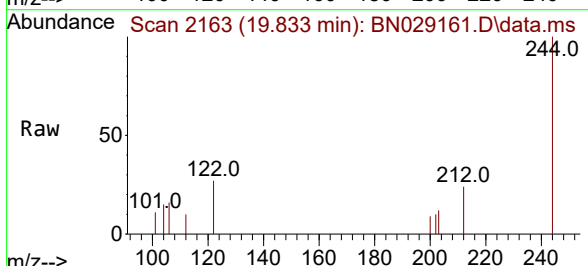
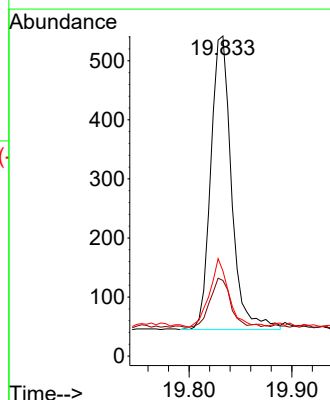
Tgt Ion:244 Resp: 697

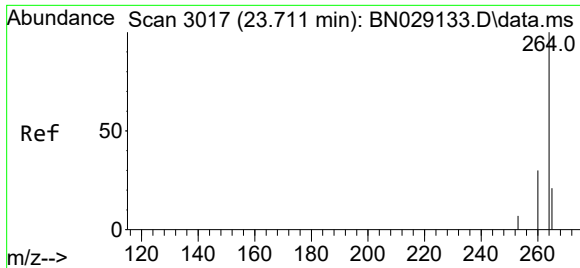
Ion Ratio Lower Upper

244 100

212 23.6 19.0 28.6

122 26.6 22.5 33.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.712 min Scan# 3017
 Delta R.T. 0.001 min
 Lab File: BN029161.D
 Acq: 21 Dec 2023 21:30

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW10A-MW01S-GW-20231205

Tgt Ion:264	Resp:	957
Ion	Ratio	Lower Upper
264	100	
260	33.2	31.0 46.6
265	120.6	105.3 157.9

